

DUKE ENERGY CAROLINAS, LLC
Docket No. 2023-388-E
Annual retail revenues for current rates
For the Test Period Ending December 31, 2022

Application
SC1010 Narrative

Detailed Narrative Explanation of Adjustment

This pro forma represents the additional South Carolina retail revenues, regulatory fees and license fees required to reflect the annualization of rates in effect on December 31, 2022, and Fuel rates as ordered in docket 2023-3-E. The pro forma also removes Demand Side Management/Energy Efficiency (DSM/EE) and other riders from the annualized revenues. Fuel is neutralized in the case through this adjustment and the SC2010 fuel pro forma adjustment.

The impact to operations and maintenance expenses for the PSC Utility Assessment fee is determined by multiplying the impact to revenue by the PSC Utility Assessment rate and the impact to general taxes is determined by multiplying the revenue impact by the South Carolina gross receipts tax rate.

The impact to income taxes is determined by multiplying taxable income by the statutory tax rate.

DUKE ENERGY CAROLINAS, LLC
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(Dollars in thousands)

Application
SC1010 Summary

Line No	Impacted Income Statement Line Items	Source	Total SC Retail Application
1	Sales of Electricity	SC1010-1	311,409
2	Other Revenue		
3	Electric operating revenue (L1+L2)		311,409
4			
5	<u>Electric operating expenses:</u>		
6	Operation and maintenance:		
7	Fuel used in electric generation		
8	Purchased power		
9	Other operation and maintenance expense	SC1010-1	652
10	Depreciation and amortization		
11	General taxes	SC1010-1	934
12	Interest on customer deposits		
13	EDIT Amortization		
14	Net income taxes	SC1010-1	77,301
15	Amortization of investment tax credit		
16	Total electric operating expenses (sum(L7:L15))		78,887
17			
18	Operating income (L3-L16)		232,522
19	<u>Rate Base</u>	Source	Total SC Retail Application
20	Electric plant in service	\$	-
21	Accumulated depreciation and amortization	\$	-
22	Net electric plant in service (L20 + L21)	\$	-
23	Construction Work in Progress	\$	-
24	Plant Held for Future Use	\$	-
25	Materials and supplies	\$	-
26	Total Working Capital	\$	-
27	Accumulated deferred income taxes	\$	-
28	Operating reserves	\$	-
29	Total Rate Base (sum L22:L28)	\$	-

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Application
SC1010-1 Calculation

Line No.	Description	Per Book Total SC Retail Col. (a)	Present Total SC Retail Col. (b)	Present vs. Per Book (c) = (b) - (a)
1	Revenues to be Collected in Proposed Rates			
2	Retail Sales (Billed Revenues)	\$ 1,776,348 [1]	\$ 2,087,757 [1]	\$ 311,409
3	Total Revenues (L2)	\$ 1,776,348	\$ 2,087,757	\$ 311,409
4				
5	PSC utility assessment rate (booked to O&M account 0928)			0.2094% [2]
6	Impact to O&M - PSC utility assessment (L3 x L5)			\$ 652
7				
8	SC gross receipts tax (booked to franchise tax a/c 408)			0.3% [3]
9	Impact to general taxes (L3 x L8)			\$ 934
10				
11	Taxable income (L3 - L6 - L9)			\$ 309,823
12	Statutory tax rate			24.9500% [4]
13	Impact to income taxes (L11 x L12)			\$ 77,301
14				
15	Impact to operating income (L11 - L13)			\$ 232,522

[1] SC1010-2 Revenue - Billed Revenues and Present Revenues Annualized, Line 35

[2] SC1010-3 Utility Fee Line 3

[3] E&Y Duke Energy Tax Support

[4] SC1010-4 Tax Rate - 2023 Calculation of Tax Rates, Line 10

Note: some totals may not foot or compute due to rounding.

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Application
SC1010-2 Revenue

Line No.	(a) Rate Class/Schedule	(b) Per Book Test Year Revenues (As Billed) COS	(c) Current Revenue Excluding DSM, EE, and EDIT Revenues	(d) = (c) - (b) Revenue Annualization & Rider Adjustment	(e) PSC utility Assessment fee and license tax
1	Residential	794,338	909,546	115,207	241
2	Class RS	446,482	507,728	61,247	128
3	RS	434,671	494,268	59,597	125
4	ES	3,102	3,548	446	1
5	RB	8,495	9,682	1,187	2
6	RSTOU	213	231	17	0
7	Class RE	347,176	401,017	53,841	113
8	RE	346,372	400,082	53,710	112
9	ESA	804	935	132	0
10	RT	681	800	119	0
11					
12	General Service	267,889	292,571	24,682	52
13	Class SGS	164,752	176,675	11,923	25
14	BC	946	921	(26)	(0)
15	SGS	160,966	172,814	11,848	25
16	SGS-CATV	2,839	2,941	101	0
17	Class LGS	103,138	115,896	12,758	27
18	LGS	102,587	115,303	12,717	27
19	PGG	551	592	42	0
20					
21	Industrial	87,430	102,581	15,151	32
22	I	87,430	102,581	15,151	32
23					
23	OPT	580,792	731,290	150,498	315
24	OPTG	201,938	244,712	42,774	90
25	OPTI	368,749	473,750	105,001	220
26	MPG	1,949	2,475	526	1
27	MPI	8,157	10,354	2,197	5
28					
29	Lighting	45,898	51,769	5,872	12
30	OL	36,591	41,048	4,457	9
31	PL	8,677	10,111	1,434	3
32	NL	0.93	1	0	-
33	TS	628	609	(19)	(0)
34					
35	Total Retail Excluding HP & Greenwood	1,776,348	2,087,757	311,409	652

Source: Duke Energy Carolinas Rate Design

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Application
SC1010-3 Utility Fee

PSC Utility Assessment

Line			
<u>No.</u>	<u>Description</u>		<u>Rate</u>
1	Gross Receipts	[1]	\$ 1,720,120
2	Administrative Fee	[1]	\$ 3,602
3	PSC utility assessment rate (L2 / L1)		<u>0.2094%</u>

[1] From the June 15, 2023 Department of revenue PSC Utility Assessment letter.

DUKE ENERGY CAROLINAS, LLC
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Application
SC1010-4 Tax Rate

2023 Calculation of Tax Rates

Current (Statutory) and Deferred Tax Rate Per "Provision" - Year 2023

Line No.	Description	Total	Statutory Rate (a)	Allocation Factor (b)	Composite Rate (a) x (b)
1					
2		100.00%			
3	North Carolina	0.00%	2.50%	0.00%	0.00%
4	South Carolina	5.00%	5.00%	100.00%	5.00%
5	Federal Taxable Income (L2 - L3 - L4)	95.00%			
6	Federal Tax Rate	21.00%			
7	Federal Net of State (L5 x L6)	19.95%			
8	North Carolina (L3)	0.00%			
9	South Carolina (L4)	5.00%			
10	Composite Tax Rate (L7 + L8 + L9)	24.95%			

Source: E&Y Tax support for Duke Energy

DUKE ENERGY CAROLINAS, LLC
Docket No. 2023-388-E
Eliminate Unbilled Revenues
For the Test Period Ending December 31, 2022

Application
SC1020 Narrative

Detailed Narrative Explanation of Adjustment

This pro forma reflects adjustments to revenue and income taxes to eliminate unbilled revenues during the test period. The adjustment to revenue reflects the elimination of the estimated unbilled revenue the Company recorded for the difference between kWh sales billed during the test period and kWh used by customers during the test period.

The impact to income taxes was determined by multiplying taxable income by the statutory tax rate.

DUKE ENERGY CAROLINAS, LLC
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Eliminate Unbilled Revenues
For the Test Period Ending December 31, 2022
(Dollars in thousands)

Application
SC1020 Summary
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Line No	Impacted Income Statement Line Items	Source	Total SC Retail Application
1	Sales of Electricity	SC1020-1	(24,370)
2	Other Revenue		
3	Electric operating revenue (L1+L2)		\$ (24,370)
4			
5	<u>Electric operating expenses:</u>		
6	Operation and maintenance:		
7	Fuel used in electric generation		
8	Purchased power		
9	Other operation and maintenance expense		
10	Depreciation and amortization		
11	General taxes		
12	Interest on customer deposits		
13	EDIT Amortization		
14	Net income taxes	SC1020-1	\$ (6,080)
15	Amortization of investment tax credit		
16	Total electric operating expenses (sum(L7:L15))		\$ (6,080)
17			
18	Operating income (L3-L16)		\$ (18,290)
19	<u>Rate Base</u>	Source	Total SC Retail Application
20	Electric plant in service		\$ -
21	Accumulated depreciation and amortization		\$ -
22	Net electric plant in service (L20 + L21)		\$ -
23	Construction Work in Progress		\$ -
24	Plant Held for Future Use		
25	Materials and supplies		\$ -
26	Total Working Capital		\$ -
27	Accumulated deferred income taxes		\$ -
28	Operating reserves		\$ -
29	Total Rate Base (sum L22:L28)		\$ -

DUKE ENERGY CAROLINAS, LLC
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Application
SC1020-1 Calculation
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Line		Total
No.	Description	SC Retail
1	South Carolina Retail Unbilled Revenues in COS	\$ 24,370 [1]
2		
3	Adjustment to Remove South Carolina Retail Unbilled Revenue (-L1)	\$ (24,370)
4	Total Revenue Adjustment (L3)	\$ (24,370)
5		
6	Statutory tax rate	24.9500% [2]
7	Impact to income taxes (L4 x L6)	\$ (6,080)
8		
9	Impact to operating income (L4 - L7)	\$ (18,290)

[1] DEC COS Study 440-445 Retail Sales-Unbilled Revenues-SCRGW

[2] SC1010-4 Tax Rate - 2023 Calculation of Tax Rates, Line 10

DUKE ENERGY CAROLINAS, LLC
Docket No. 2023-388-E
Adjust Other Revenue
For the Test Period Ending December 31, 2022

Application
SC1030 Narrative

Detailed Narrative Explanation of Adjustment

This pro forma reflects adjustments to revenue, operations and maintenance expense, general taxes and income taxes to update various other revenues.

The impact to revenue is determined by multiplying the number of units for South Carolina in the test period by the current rate to arrive at current revenues. The test period units are then multiplied by the proposed rate to arrive at the proposed revenue. The difference between the current and proposed other revenues is the adjustment amount.

The impact to operations and maintenance expense for the PSC Utility Assessment is determined by multiplying the impact to revenue by the PSC Utility Assessment rate and the impact to general taxes is determined by multiplying the impact to revenue by the South Carolina gross receipts tax rate.

The impact to income taxes is determined by multiplying taxable income by the statutory tax rate.

DUKE ENERGY CAROLINAS, LLC
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Adjust Other Revenue
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(Dollars in thousands)

Application
SC1030 Summary

Line No	Impacted Income Statement Line Items	Source	Total SC Retail Application
1	Sales of Electricity		
2	Other Revenue	SC1030-1	\$ (1,011)
3	Electric operating revenue (L1+L2)		\$ (1,011)
4			
5	<u>Electric operating expenses:</u>		
6	Operation and maintenance:		
7	Fuel used in electric generation		
8	Purchased power		
9	Other operation and maintenance expense	SC1030-1	\$ (2)
10	Depreciation and amortization		
11	General taxes	SC1030-1	\$ (3)
12	Interest on customer deposits		
13	EDIT Amortization		
14	Net income taxes	SC1030-1	\$ (251)
15	Amortization of investment tax credit		
16	Total electric operating expenses (sum(L7:L15))		\$ (256)
17			
18	Operating income (L3-L16)		\$ (755)
19	<u>Rate Base</u>	Source	Total SC Retail Application
20	Electric plant in service		\$ -
21	Accumulated depreciation and amortization		\$ -
22	Net electric plant in service (L20 + L21)		\$ -
23	Construction Work in Progress		\$ -
24	Plant Held for Future Use		
25	Materials and supplies		\$ -
26	Total Working Capital		\$ -
27	Accumulated deferred income taxes		\$ -
28	Operating reserves		\$ -
29	Total Rate Base (sum L22:L28)		\$ -

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Application
SC1030-1 Calculation

<u>Line No.</u>	<u>Description</u>	<u>Total SC Retail</u>
1		
2	Proposed Other Revenues (451 a/c)	\$ 1,158 [1]
3	Current Other Revenues (451 a/c)	\$ 2,169 [1]
4	Impact to revenue (L2 - L3)	\$ (1,011)
5		
6	PSC utility assessment rate	0.2094% [4]
7	Impact to O&M - PSC utility assessment (L4 x L6)	\$ (2)
8		
9	SC gross receipts tax	0.30% [5]
10	Impact to general taxes - SC gross receipts tax (L4 x L9)	\$ (3)
11		
12	Taxable income (L4 - L7 - L10)	\$ (1,005)
13	Statutory tax rate	24.95% [6]
14	Impact to income taxes (L12 x L13)	\$ (251)
15		
16	Impact to operating income (L12 - L14)	\$ (755)

- [1] SC1030-2 Fees - South Carolina Billing Determinants - L9
[4] SC1010-3 Utility Fee - PSC Utility Assessment Rate, Line 3
[5] SC1010-1 Calculation - SC Gross Receipts Tax Rate, Line 8
[6] SC1010-4 Tax Rate - 2023 Calculation of Tax Rates, Line 10

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Adjust Other Revenue
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Application
SC1030-2 Fees

	(A) Charge / Timeframe	(B) Test Year Units	(C) Test Year Rates	(D) Test Year Revenue	(E) Proposed Units	(F) Proposed Rate	(G) Proposed Revenue	(H) Change	(I) Percent Change
				(B) * (C)/1000			(E) * (F)/1000	(G) - (D)	(H) / (D)
1	Service Regulations			\$2,016			\$963	(\$1,053)	-52%
2	Connect Charge	96,780	\$ 15.00	\$ 1,452	96,780	\$ 8.00	\$ 774	\$ (677)	-47%
3	Reconnect Fee	11,190	\$ 15.00	\$ 168	11,190	\$ 8.00	\$ 90	\$ (78)	-47%
4	Returned Payment	19,804	\$ 20.00	\$ 396	19,804	\$ 5.00	\$ 99	\$ (297)	-75%
5	Meter Test, Self-Contained ¹	0	\$ 30.00	\$ -	0	\$ 50.00	\$ -	\$ -	0%
6	Meter Test, Other ¹	0	\$ 40.00	\$ -	0	\$ 65.00	\$ -	\$ -	0%
5	Manually Read Meter Rider MRM			\$153			\$195	\$42	28%
7	Initial Set-up Fee	0	\$ 150.00	\$ -	0	\$ 190.00	\$ -	\$ -	0%
8	Rate per Month	13,020	\$ 11.75	\$ 153	13,020	\$ 15.00	\$ 195	\$ 42	28%
9	Total			\$2,169			\$1,158	(\$1,011)	-47%

¹ No customer-requested meter tests performed in the test year
Source: Witness Beveridge

DUKE ENERGY CAROLINAS, LLC
Docket No. 2023-388-E
Update fuel costs to approved rates
For the Test Period Ending December 31, 2022

Application
SC2010 Narrative

Detailed Narrative Explanation of Adjustment

This pro forma adjusts fuel expenses and income taxes for fuel clause expenses during the test period to match the fuel clause revenues derived from the fuel factor approved by the Commission in Docket No. 2023-3-E. Revenues are adjusted to include amounts equal to the Distributed Energy Resource Program (DERP) Net Energy Metering (NEM) fixed cost shortfall and the NEM metering admin cost that are included in expenses in the Cost of Service. By matching the expenses to the revenue, this adjustment ensures that no increase is requested in this proceeding related to fuel and fuel-related expenses that are recoverable through the fuel clause. The fuel expenses are derived using the SC Retail Allocation Factor - Sales at the Meter where applicable so line losses remain in base rates.

The impact to fuel and fuel related expenses is determined as follows:

1. The total fuel clause expense (including fuel, purchased power, reagents & emission allowances, and deferred fuel expense) allocated in cost of service is eliminated from the test period.
2. The pro forma removes deferred fuel booked to the income statement.
3. The pro forma removes identifiable DERP expenses booked to the general ledger and recovered through the fuel clause.
4. The pro forma fuel clause expense using the approved fuel rate is calculated by multiplying the South Carolina Retail kWh sales at the meter for the test period by the most recent approved fuel rate and the approved Fuel Expense per KW by the South Carolina Retail KW sales at the meter for the test period.
5. For certain DERP costs rather than removing an expense (expenses are booked to many general ledger accounts), the DERP related revenue is included as an offset to the related cost. This approach is used for DERP admin charges related to NEM meters and the cost shortfall component of the DERP NEM incentive.

In addition, rate base is adjusted to remove amounts related to costs being recovered through DERP components of the fuel factors.

The impact to income taxes is determined by multiplying taxable income by the statutory tax rate.

DUKE ENERGY CAROLINAS, LLC
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Update fuel costs to approved rates
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Line No	<u>Impacted Income Statement Line Items</u>	Source	Total SC Retail Application
1	Sales of Electricity	SC2010-1	\$ 8,724
2	Other Revenue		
3	Electric operating revenue (L1+L2)		\$ 8,724
4			
5	<u>Electric operating expenses:</u>		
6	Operation and maintenance:		
7	Fuel used in electric generation	SC2010-1	\$ 42,635
8	Purchased power	SC2010-1	\$ 297,109
9	Other operation and maintenance expense		
10	Depreciation and amortization		
11	General taxes		
12	Interest on customer deposits		
13	EDIT Amortization		
14	Net income taxes	SC2010-1	\$ (82,590)
15	Amortization of investment tax credit		
16	Total electric operating expenses (sum(L7:L15))		\$ 257,155
17			
18	Operating income (L3-L16)		\$ (248,431)
Line No	<u>Rate Base</u>	Source	Total SC Retail Application
20	Electric plant in service		\$ -
21	Accumulated depreciation and amortization		\$ -
22	Net electric plant in service (L20 + L21)		\$ -
23	Construction Work in Progress		\$ -
24	Plant Held for Future Use		
25	Materials and supplies		\$ -
26	Total Working Capital	SC2010-1	\$ (4,449)
27	Accumulated deferred income taxes	SC2010-1	\$ 1,110
28	Operating reserves		\$ -
29	Total Rate Base (sum L22:L28)		\$ (3,339)

DUKE ENERGY CAROLINAS, LLC
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Update fuel costs to approved rates
For the Test Period Ending December 31, 2022
(Dollars in thousands)

Line No.	Description	Residential	General Service	Industrial	OPT	Lighting	Total SC Retail	
1	Fuel Clause Revenue related to NEM Admin Charge and Incentive Expenses Allocated in Per Books Cost of Service							
2	DERP NEM Admin Charge and NEM Fixed Cost Shortfall Revenue	\$ 6,817	\$ 732	\$ 219	\$ 956	\$ -	\$ 8,724	[4]
3								
4								
5	Fuel Clause Expense and Deferred Fuel Expense Allocated in Per Books Cost of Service							
6	Remove base fuel included in system average fuel costs - excluding purchased power energy					\$ 719,866		
7	Purchased power included in system average fuel costs-demand					\$ 6,889		
8	Purchased power included in system average fuel costs-energy					\$ 15,433		
9	Remove base fuel biogas					\$ 182		
10	Remove environmental costs recovered through fuel clause					\$ 4,652		
11	Remove DERP avoided costs - purchased power					\$ 716		
12	Remove DERP incremental - excluding purchased power					\$ 1,459		
13	Total Fuel Clause Expense Allocated in COS (Sum L5 through L12)						749,196	[1]
14								
15	Remove 0557981 - Retail Deferred Fuel Expenses						(297,109)	[1]
16	Total Fuel Clause Expense and Retail Deferred Fuel Expense (Sum L13 through L15)						\$ 452,087	
17								
18	<u>Fuel Clause Expense to Add (Based on Approved 2023-3-E Fuel Rates)</u>							
19	Base Fuel Costs (Cents / kWh)	3.5187	3.5187	3.5187	3.5187	3.5187		[2]
20	Environmental Costs (Cents / kWh)	0.0672	0.0231	0.0082	0.0126	0.0231		[2]
21	Capacity Related Cost (Cents / kWh)	0.4608	0.1543	0.0566	0.0854	0.1543		[2]
22	DERP Avoided Cost (Cents / kWh)	0.0092	0.0022	0.0001	0.0007	0.0022		[2]
23	Carrying Costs Applicable to 2022 Stipulation (Order No. 2022-655) (Cents/kWh)	0.0173	0.0173	0.0173	0.0173	0.0173		[2]
23	Total Approved fuel rate as of November 1, 2023 (Cents / kWh)	4.0732	3.7156	3.6009	3.6348	3.7156		[2]
24								
25	SC Retail kWh actual sales - 12 months ended December 2022	6,858,352,970	2,474,674,080	1,181,602,201	10,202,513,927	192,078,214	20,909,221,392	[3]

DUKE ENERGY CAROLINAS, LLC
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SC2010-1 Calculation
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Line	No.	Calculated Expense	Residential	General Service	Industrial	OPT	Lighting	Total SC Retail
26		Base Fuel (L19 x L25) / 100,000	\$ 241,327	\$ 87,077	\$ 41,577	\$ 359,000	\$ 6,759	\$ 735,741
27		Environmental (L20 x L25) / 100,000	\$ 4,609	572	97	1,285	44	6,607
28		Capacity (L21 x L25) / 100,000	\$ 31,603	3,818	669	8,718	296	45,105
29		DERP Avoided Cost (L22 x L25) / 100,000	\$ 631	54	1	73	4	764
30		Carrying Costs (L23 x L25) / 1000,000	\$ 1,186	428	204	1,764	33	3,615
31		Adjusted Fuel Clause Expenses (sum L26 : L30)	\$ 279,356	\$ 91,950	\$ 42,549	\$ 370,840	\$ 7,137	\$ 791,832
32								
33		Impact to fuel (-L13 +L31)						\$ 42,635
34		Impact to Purchase Power for removal of deferred fuel (-L15)						297,109
35		Total Impact (Sum L33:L34)						\$ 339,745
36								
37		Taxable income (-L35 + L2)						\$ (331,020)
38		Statutory tax rate						24.9500% [6]
39		Impact to income taxes (L37 x L38)						\$ (82,590)
40		Impact to operating income (L37 - L39)						\$ (248,431)
41								
42		Impact to Rate Base Line Items						
43		12/31/22 Balance of Account 0182494 - Deferred Solar Rebate Cost						\$ 4,449 [5]
44		Impact to working capital investment (-L43)						\$ (4,449)
45								
46		Accumulated Deferred Income Tax (ADIT) associated with (0182494) (L38 x L44)						\$ (1,110)
47		Impact to ADIT (-L46)						\$ 1,110
48								
49		Impact to rate base (L44 + L47)						\$ (3,339)

[1] Included in Cost of Service
[2] SC2010-2 Fuel Rates - SC Billed Fuel Factors, Line 3, 6, 9, 12, 13
[3] SC2010-4 kWh - Actual Billed SC kWh and KW Sales
[4] SC2010-3 DERP NEM - SC DERP NEM Admin charge and Fixed Cost Shortfall
[5] COS 182 ORA-DERP RECOVERABLE-SCR
[6] SC1010-4 Tax Rate - 2022 Calculation of Tax Rates, Line 10

DUKE ENERGY CAROLINAS, LLC
Docket No. 2023-388-E
Update fuel costs to approved rates
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Application
SC2010-2 Fuel Rates
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**SOUTH CAROLINA RETAIL FUEL CASE
CALCULATION OF TOTAL FUEL COMPONENT
BILLING PERIOD NOVEMBER1, 2023 TO OCTOBER 31, 2024**

Per Clark Amended Exhibit 1 in Fuel Docket 2023-3-E

Line No.	Description	Reference	Customer Class			
			Cents / kWh			
			Residential	General Service	Lighting	Industrial
Base Fuel Costs						
1	Base Fuel Cost Component (Over) / Under Recovered Balance as of Oct. 2023		1.2047	1.2047	1.2047	1.2047
2	Base Fuel Cost Component Projected Billing Period		2.3140	2.3140	2.3140	2.3140
3	Total Base Fuel Cost Component	L 1 + L 2	3.5187	3.5187	3.5187	3.5187
Capacity Related Cost						
4	Capacity Related Cost Component (Over) / Under Recovered Balance as of Oct. 2023		0.0856	(0.0026)	(0.0026)	(0.0158)
5	Capacity Related Cost Component Projected Billing Period		0.3752	0.1569	0.1569	0.0724
6	Total Capacity Related Cost Component	L 4 + L 5	0.4608	0.1543	0.1543	0.0566
Distributed Energy Resource Program (DERP) Avoided Costs						
7	DERP Avoided Cost (Over) / Under Recovered Balance as of Oct. 2023		0.0024	(0.0006)	(0.0006)	(0.0012)
8	DERP Avoided Costs Projected Billing Period		0.0068	0.0028	0.0028	0.0013
9	Total DERP Avoided Cost Component	L 7 + L 8	0.0092	0.0022	0.0022	0.0001
Environmental Costs						
10	Environmental Component (Over) / Under Recovered Balance as of Oct. 2023		0.0236	0.0049	0.0049	(0.0002)
11	Environmental Component Projected Billing Period		0.0436	0.0182	0.0182	0.0084
12	Total Environmental Component	L 10 + L 11	0.0672	0.0231	0.0231	0.0082
13	Carrying Costs Applicable to 2022 Stipulation (Order No. 2022-655)		0.0173	0.0173	0.0173	0.0173
14	Total Fuel Cost Factor - Cents/ kWh [1]	Sum L 3 + L 6 + L 9 + L 12 + L 13	4.0732	3.7156	3.7156	3.6009
Distributed Energy Resource Program Incremental Cost per Account						
			Dollars			
			Residential	General	Lighting	Industrial
DERP Incremental (Over) / Under Recovered Balance as of October 2023						
15	Annual Charge	Exhibit 11	\$ 0.71	\$ 1.23	\$ 1.23	\$ 57.34
16	Monthly Charge	Exhibit 11	\$ 0.06	\$ 0.10	\$ 0.10	\$ 4.78
DERP Incremental Projected Billing Period						
17	Annual Charge	Exhibit 13	\$ 13.62	\$ 23.76	\$ 23.76	\$ 1,103.53
18	Monthly Charge	Exhibit 13	\$ 1.14	\$ 1.98	\$ 1.98	\$ 91.96
19	Total DERP Annual Charge - Excluding GRT	L15 + L17	\$ 12.00	\$ 24.99	\$ 24.99	\$ 1,160.87
20	Total DERP Monthly Charge - Excluding GRT	L16 + L18	\$ 0.99	\$ 2.08	\$ 2.08	\$ 96.74
21	Total DERP Annual Charge per account CAP		\$ 12.00	\$ 120.00	\$ 120.00	\$ 1,200.00
22	Total DERP Annual Charge -Including GRT	L19 / (1-Tax Rate)	\$ 12.00	\$ 25.12	\$ 25.12	\$ 1,166.81
23	Total DERP Monthly Charge - Including GRT	L20 / (1-Tax Rate)	\$ 1.00	\$ 2.09	\$ 2.09	\$ 97.24

[1] The Fuel Cost Factors and Demand Fuel Cost Factor does not include Gross Receipts Tax ("GRT").

DUKE ENERGY CAROLINAS, LLC
Docket No. 2023-388-E
Update fuel costs to approved rates
For the Test Period Ending December 31, 2022
(Dollars in thousands)

Line No.		Net Energy Metering (NEM) Admin Charge												Total
		Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	
1	COMMERCIAL													
2	LGS-SC	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	2
3	OPT-GENERAL-SC	0	0	0	0	0	0	0	0	0	0	0	0	3
4	SGS-NO DEMAND-SC													-
5	SGS-SC	1	1	1	2	2	1	1	1	1	1	1	1	18
6	INDUSTRIAL													
7	I-SC	0	0	0	0	0	0	0	0	0	0	0	0	1
8	LGS-SC													-
9	OPT-INDUSTRIAL-SC	0	0	0	0	0	0	0	0	0	0	0	0	1
10	SGS-SC													-
11	RESIDENTIAL													
12	RES													-
13	ES-ALL ELEC-SC	0	0	0	0	0	0	0	0	0	0	0	0	1
14	ES-SC	0	1	0	0	1	0	1	0	0	0	0	0	6
15	RB-SC	1	1	1	1	1	1	1	1	1	1	1	1	9
16	RE-SC	26	26	27	27	27	27	27	27	27	27	27	27	319
17	RS-SC	37	38	38	38	38	38	38	38	38	38	38	38	455
18	RT-SC	0	0	0	0	0	0	0	0	0	0	0	0	1
19	SGS-NO DEMAND-SC													-
20	Total	\$ 67	\$ 68	\$ 68	\$ 68	\$ 68	\$ 68	\$ 68	\$ 68	\$ 68	\$ 68	\$ 68	\$ 68	816
		NEM Fixed Cost Shortfall												Total
		Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	
21	COMMERCIAL													
22	LGS-SC	\$ 18	\$ 18	\$ 18	\$ 18	\$ 19	\$ 19	\$ 19	\$ 19	\$ 19	\$ 18	\$ 16	\$ 16	215
23	OPT-GENERAL-SC	23	32	32	32	32	32	32	32	32	31	28	31	368
24	SGS-NO DEMAND-SC													-
25	SGS-SC	41	42	42	42	42	43	41	40	40	40	41	42	497
26	INDUSTRIAL													
27	I-SC	15	15	15	15	21	21	21	21	21	19	18	17	218
28	LGS-SC													-
29	OPT-INDUSTRIAL-SC	47	47	47	47	47	51	51	51	51	48	50	49	584
30	SGS-SC													-
31	RESIDENTIAL													
32	RES													-
33	ES-ALL ELEC-SC	1	1	1	1	1	1	1	1	1	1	1	0	7
34	ES-SC	3	3	3	3	3	3	3	3	3	3	3	3	40
35	RB-SC	6	6	6	6	6	6	6	6	6	6	6	6	73
36	RE-SC	192	193	195	196	197	199	198	197	196	196	188	196	2,344
37	RS-SC	291	293	295	297	300	302	302	298	297	298	288	298	3,558
38	RT-SC	0	0	0	0	0	0	0	0	0	0	0	0	4
39	SGS-NO DEMAND-SC													-
40	TOTAL	\$ 637	\$ 650	\$ 653	\$ 657	\$ 668	\$ 676	\$ 673	\$ 668	\$ 667	\$ 661	\$ 639	\$ 660	7,908

DUKE ENERGY CAROLINAS, LLC
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Update fuel costs to approved rates
For the Test Period Ending December 31, 2022
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Application
SC2010-3 DERP NEM
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Grand Total Net Energy Metering (NEM) Admin Charge and NEM Fixed Cost Shortfall														Total by Class
	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Total	
41 COMMERCIAL														
42 LGS-SC	\$ 18	\$ 18	\$ 18	\$ 18	\$ 19	\$ 19	\$ 19	\$ 19	\$ 19	\$ 18	\$ 16	\$ 16	217	
43 OPT-GENERAL-SC	23	32	32	32	32	32	32	32	32	32	29	31	371	
44 SGS-NO DEMAND-SC	-	-	-	-	-	-	-	-	-	-	-	-	-	Commercial
45 SGS-SC	43	44	44	44	44	44	42	42	42	42	42	44	515	\$ 1,103
46 INDUSTRIAL														
47 I-SC	15	15	15	15	21	21	21	21	21	19	18	17	219	
48 LGS-SC	-	-	-	-	-	-	-	-	-	-	-	-	-	
49 OPT-INDUSTRIAL-SC	47	47	47	47	47	51	51	51	51	48	50	49	585	Industrial
50 SGS-SC	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ 805
51 RESIDENTIAL														
52 RES	-	-	-	-	-	-	-	-	-	-	-	-	-	
53 ES-ALL ELEC-SC	1	1	1	1	1	1	1	1	1	1	1	1	8	
54 ES-SC	4	4	4	4	4	4	4	4	4	4	4	4	46	
55 RB-SC	7	7	7	7	7	7	7	7	7	7	7	7	82	
56 RE-SC	218	220	221	223	224	225	225	223	223	223	215	222	2,663	
57 RS-SC	328	330	333	335	338	340	340	336	335	336	326	336	4,013	
58 RT-SC	0	0	0	0	0	0	0	0	0	1	0	1	5	Residential
59 SGS-NO DEMAND-SC	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ 6,817
60 GRAND TOTAL	\$ 704	\$ 717	\$ 721	\$ 725	\$ 736	\$ 744	\$ 742	\$ 736	\$ 734	\$ 729	\$ 707	\$ 728	\$ 8,724	\$ 8,724

[1] Provided by Duke Energy Progress Rates Fuel filing support

Jiggetts Direct Exhibit 4
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DUKE ENERGY CAROLINAS, LLC
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Update fuel costs to approved rates
For the Test Period Ending December 31, 2022

Application
SC2010-4 kWh
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Line No.		Residential	General Service	Industrial	OPT	Lighting	Total SC Retail
1	SC Retail kWh actual sales	6,900,750,055	2,478,076,855	1,181,602,201	10,202,513,927	192,324,698	20,955,267,736
2	Less: Greenwood kWh actual sales	(42,397,085)	(3,402,775)		-	(246,484)	(46,046,344)
3	Total SC Retail kWh sales excluding Greenwood	6,858,352,970	2,474,674,080	1,181,602,201	10,202,513,927	192,078,214	20,909,221,392

DUKE ENERGY CAROLINAS, LLC
Docket No. 2023-388-E
Eliminate costs recovered through non-fuel riders
For the Test Period Ending December 31, 2022

Application
SC2030 Narrative

Detailed Narrative Explanation of Adjustment

This pro forma adjusts revenues and expenses to remove amounts that are associated with cost recovery through non-fuel riders. Rate base is also adjusted to eliminate the amounts recorded on the Company's financial statements as of December 31, 2022, related to the riders as outlined on the SC2030-1 Calculation worksheet.

The adjustment to revenues and operations and maintenances expenses eliminate certain costs and revenues associated with SC SAW (Save a Watt), the demand-side management (DSM) and energy efficiency (EE) programs, during the test period.

The adjustment to EDIT eliminates the amortization of EDIT flowing through the rider.

The adjustment to deferred revenue eliminates the amortization flowing through the rider.

The impact to income taxes was determined by multiplying taxable income by the statutory tax rate.

DUKE ENERGY CAROLINAS, LLC
Docket No. 2023-388-E
Eliminate costs recovered through non-fuel riders
For the Test Period Ending December 31, 2022
(Dollars in thousands)

Application
SC2030 Summary
Page 1 of 1

Line No	Impacted Income Statement Line Items	Source	Total SC Retail Application
1	Sales of Electricity		
2	Other Revenue	SC2030-1	\$ 253
3	Electric operating revenue (L1+L2)		\$ 253
4			
5	<u>Electric operating expenses:</u>		
6	Operation and maintenance:		
7	Fuel used in electric generation		
8	Purchased power		
9	Other operation and maintenance expense	SC2030-1	\$ (28,314)
10	Depreciation and amortization		\$ -
11	General taxes	SC2030-1	\$ (131)
12	Interest on customer deposits		
13	EDIT Amortization	SC2030-1	\$ 44,068
14	Net income taxes	SC2030-1	\$ 7,160
15	Amortization of investment tax credit		
16	Total electric operating expenses (sum(L7:L15))		\$ 22,783
17			
18	Operating income (L3-L16)		\$ (22,530)
Line No	Rate Base	Source	Total SC Retail Application
20	Electric plant in service		\$ -
21	Accumulated depreciation and amortization		\$ -
22	Net electric plant in service (L20 + L21)		\$ -
23	Construction Work in Progress		\$ -
24	Plant Held for Future Use		\$ -
25	Materials and supplies		\$ -
26	Total Working Capital		\$ -
27	Accumulated deferred income taxes		\$ -
28	Operating reserves		\$ -
29	Total Rate Base (sum L22:L28)		\$ -

DUKE ENERGY CAROLINAS, LLC
Docket No. 2023-388-E
Eliminate costs recovered through non-fuel riders
For the Test Period Ending December 31, 2022
(Dollars in thousands)

Application
SC2030-1 Calculation
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Line						
No.	Impacted Income Statement Line Items	DSM/EE [a]	EDIT [b]	Deferred Revenue [c]	Total Adjustment System [d]=(-[a]-[b]-[c]) [e]	Total SC Retail [f]=[d]*[e]
1	Sales of Electricity	\$ -	\$ -	\$ -	\$ -	\$ -
2	Other Revenue					
3	Remove SC SAW Deferred Revenue - Demand (Account 0456560)	(4,167) [2]			4,167	4,167
4	Remove SC SAW Deferred Revenue - Energy (Account 0456560)	(9,074)			9,074	9,074
5	Tax Reform - retail			\$ 73,550 [1]	(73,550)	(12,988) [1]
6	Electric operating revenue (L1+L2)	\$ (13,241)	\$ -	\$ 73,550	\$ (60,309)	\$ 253
7						
8	<u>Electric operating expenses:</u>					
9	Operation and maintenance (O&M):					
10	Fuel used in electric generation					
11	Purchased power					
12	Other O&M-D/A				\$ -	\$ -
13	Remove Total Energy Efficiency & Demand Side Program Costs - Energy	\$ 81,145 [2]			(81,145)	(19,369) [3]
14	Remove Total Energy Efficiency & Demand Side Program Costs - Demand	\$ 37,526 [2]			(37,526)	(8,945) [4]
15	Other O&M-gross plant rel				-	-
16	Depreciation and amortization				-	-
17	Payroll taxes				-	-
18	Remove DSM_EE General Taxes - Energy	143 [2]			(143)	(34)
19	Remove DSM_EE General Taxes - Demand	405 [2]			(405)	(96)
20	Property Taxes				-	-
21	Interest on customer deposits				-	-
22	EDIT Amortization		\$ (255,939) [6]		255,939	44,068 [5]
23	Net income taxes = (L5 - sum(L11:L24)) * Tax rate	24.95% [7] (33,049)	-	\$ 18,351	14,698	7,160
24	Amortization of investment tax credit				-	-
25	Total electric operating expenses (sum(L10:L24))	\$ 86,170	\$ (255,939)	\$ 18,351	\$ 151,419	\$ 22,783
26						
27	Operating income (L6-L25)	\$ (99,411)	\$ 255,939	\$ 55,200	\$ (211,728)	\$ (22,530)

[1] SC2030-4 Deferred Revenue

[2] SC2030-2 DSM_EE

[3] SC Retail Allocation Factor All - MWHs at Generation - Jur

[4] SC Retail Allocation Factor All - Production Demand - Jur

[5] SC2030-3 - EDIT

[6] SC1010-4 Tax Rate

DUKE ENERGY CAROLINAS, LLC
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Eliminate costs recovered through non-fuel riders
For the Test Period Ending December 31, 2022
(Dollars in thousands)

Application
SC2030-2 DSM_EE
Page 1 of 1

Remove DSM/EE clause impacts

Row	INCOME STATEMENT				
1	<u>Revenue</u>				
2		Description	FERC Account	DSM/EE Total	
3		SAW Deferred Revenue			
4		SAW Deferred Revenue - Demand	0456560	(4,167)	[1]
5		SAW Deferred Revenue - Energy	0456560	(9,074)	[2]
6					
7		FERC Account	Demand	Energy	Total System
8		<u>O&M</u>			
9		557000	37,241	[3]	80,127 [4] 117,368
10		903000	1	[5]	2 [6] 2
11		910100	-	[7]	4 [8] 4
12		912000	0	[9]	1 [10] 1
13		920000	7	[11]	16 [12] 24
14		921100	0	[11]	1 [12] 1
15		921200	0	[11]	0 [12] 1
16		923000	6	[11]	13 [12] 19
17		926000	1	[11]	2 [12] 2
18		926600	489	[11]	1,391 [12] 1,881
19		929500	(220)	[11]	(411) [12] (631)
20		Total O&M	37,526		81,145 118,671
21					
22		<u>General Taxes</u>			
23		408960	143	[13]	405 [14] 547
[1]	COS - 456 OTHER ELEC REV-REV FROM RIDERS-DEMAND-D/A				
[2]	COS - 456 OTHER ELEC REV-REV FROM RIDERS-ENERGY-D/A				
[3]	COS - 500-557 PROD EXP-DSM/EE-DEMAND-RETAIL				
[4]	COS - 500-557 PROD EXP-DSM/EE-ENERGY-RETAIL				
[5]	COS - 903 CUST ACCTS EXP-DSM/EE-DEMAND-RETAIL				
[6]	COS - 903 CUST ACCTS EXP-DSM/EE-ENERGY-RETAIL				
[7]	COS - 906-910 CUST SVC & INFO-DSM/EE-DEMAND-RETAIL				
[8]	COS - 906-910 CUST SVC & INFO-DSM/EE-ENERGY-RETAIL				
[9]	COS - 911-917 SALES EXP-DSM/EE-DEMAND-RETAIL				
[10]	COS - 911-917 SALES EXP-DSM/EE-ENERGY-RETAIL				
[11]	COS - 920-931 A&G EXP-O&M REL-DSM/EE-DEMAND-RETAIL				
[12]	COS - 920-931 A&G EXP-O&M REL-DSM/EE-ENERGY-RETAIL				
[13]	COS - 408 GEN TAX-DSM/EE-DEMAND-RETAIL				
[14]	COS - 408 GEN TAX-DSM/EE-ENERGY-RETAIL				

DUKE ENERGY CAROLINAS, LLC
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Eliminate costs recovered through non-fuel riders
For the Test Period Ending December 31, 2022
(Dollars in thousands)

Application
SC2030-3 EDIT
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EDIT Income Tax Amortization

<u>Line No.</u>			<u>Total System</u>	<u>Total SC Retail</u>
1				
2	<u>EDIT Amortization (net of tax)</u>			
3	Federal EDIT Protected	Base Rates	(37,874) [1]	(8,881) [1]
4				
5	Federal EDIT Unprotected	Rider	(167,849) [1]	(21,787) [1]
6	State EDIT	Rider	<u>(50,217) [1]</u>	<u>(13,400) [1]</u>
7	Total Unprotected & State		(218,066)	(35,187)
8				
9	Total EDIT Tax Amortization Net of Tax		<u>(255,939)</u>	<u>(44,068) [2]</u>

[1] Detail provided by EY Tax support for DEC

[2] NET INCOME TAX-FED TAX RATE CHG-SCRGW + NET INCOME TAX-NC TAX RATE CHG-SCRGW

DUKE ENERGY CAROLINAS, LLC
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Eliminate costs recovered through non-fuel riders
For the Test Period Ending December 31, 2022
(Dollars in thousands)

Application
SC2030-4 Deferred Rev
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Provision for Rate Refund

<u>Line</u> <u>No.</u>	<u>Description</u>	<u>Account</u>	<u>Total</u> <u>System</u>	<u>Total</u> <u>SC Retail</u>
1	Tax reform - Retail	0449111	73,550 [1]	12,988 [2]

[1] COS -449.1 PROV FOR RATE REFUNDS-TAX REFORM-NCR + 449.1 PROV FOR
RATE REFUNDS-TAX REFORM-SCRGW

[2] COS - 449.1 PROV FOR RATE REFUNDS-TAX REFORM-SCRGW

DUKE ENERGY CAROLINAS, LLC
Docket No. 2023-388-E
Adjust O&M for executive compensation
For the Test Period Ending December 31, 2022

Application
SC2040 Narrative

Detailed Narrative Explanation of Adjustment

This pro forma adjusts operation and maintenance expense and income taxes for executive compensation.

The impact to operation and maintenance expense is determined as follows:

Eliminate 50% of the base salary and incentive compensation of the Chief Executive Officer (CEO), Chief Financial Officer (CFO), Chief Operating Officer (COO), Chief Legal Officer (CLO), and Duke Energy Carolinas Executive Vice President and Chief Executive Officer (CEO) allocated to Duke Energy Carolinas in the test period.

The impact to income taxes is determined by multiplying taxable income by the statutory tax rate.

DUKE ENERGY CAROLINAS, LLC
Docket No. 2023-388-E
Adjust O&M for executive compensation
For the Test Period Ending December 31, 2022
(Dollars in thousands)

Line No	Impacted Income Statement Line Items	Source	Total SC Retail Application
1	Sales of Electricity		
2	Other Revenue		
3	Electric operating revenue (L1+L2)		\$ -
4			
5	<u>Electric operating expenses:</u>		
6	Operation and maintenance:		
7	Fuel used in electric generation		
8	Purchased power		
9	Other operation and maintenance expense	SC2040-1	\$ (1,586)
10	Depreciation and amortization		
11	General taxes		
12	Interest on customer deposits		
13	EDIT Amortization		
14	Net income taxes	SC2040-1	\$ 396
15	Amortization of investment tax credit		
16	Total electric operating expenses (sum(L7:L15))		\$ (1,190)
17			
18	Operating income (L3-L16)		\$ 1,190
19	<u>Rate Base</u>	Source	Total SC Retail Application
20	Electric plant in service		\$ -
21	Accumulated depreciation and amortization		-
22	Net electric plant in service (L20 + L21)		-
23	Construction Work in Progress		-
24	Plant Held for Future Use		-
25	Materials and supplies		-
26	Total Working Capital		-
27	Accumulated deferred income taxes		-
28	Operating reserves		-
29	Total Rate Base (sum(L22 through L28))		\$ -

DUKE ENERGY CAROLINAS, LLC
Docket No. 2023-388-E
Adjust O&M for executive compensation
For the Test Period Ending December 31, 2022
(Dollars in thousands)

Application
SC2040-1 Calculation
Page 1 of 1

<u>Line No.</u>	<u>Description</u>	<u>Top Five Executives</u>
1	Compensation charged to Duke Energy Carolinas - 12 Months Ended December 31, 2022	\$ 14,322 [1]
2		
3	Catawba reimbursement allocation rate	11.063% [2]
4	Non-ownership percentage in Catawba plant	80.754% [2]
5	Costs Reimbursed by Catawba Joint Owners (L1 x L3 x L4)	\$ 1,280
6		
7	Compensation net of Joint Owners' Share (L1 - L5)	\$ 13,043
8	SC Retail Allocation Factor - Wage and Salary Related Items	24.3191% [3]
9	SC retail compensation (L7 x L8)	\$ 3,172
10	Exclusion percentage	50.00% [4]
11	Impact to O&M (-L9 x L10)	\$ (1,586)
12		
13	Statutory tax rate	24.95% [5]
14		
15	Impact to income taxes (-L11 x L13)	\$ 396
16		
17	Impact to operating income (-L11 - L15)	\$ 1,190

[1] Source: Duke Energy Corporate Accounting

[2] SC-2050-3 Analysis of Total Labor \$ - Catawba Project (Gross, Allocated \$) - 12 Months Ended December 31, 2022, Lines 20 and 24

[3] SC Retail Allocation Factor - All - Labor - Jur

[4] The percentage of compensation for the top five executive's compensation to be eliminated from the test period.

[5] SC1010-4 Tax Rate - 2023 Calculation of Tax Rates, Line 10

DUKE ENERGY CAROLINAS, LLC
Docket No. 2023-388-E
Normalize O&M labor expenses
For the Test Period Ending December 31, 2022

Application
SC2050 Narrative

Detailed Narrative Explanation of Adjustment

This pro-forma adjusts operation and maintenance expense, general taxes and income taxes to normalize operation and maintenance labor costs.

The impact to operation and maintenance expense is determined as follows:

1. The salaries and wages booked during the test period are subtracted from salaries and wages as of September 30, 2023 per Human Resources.
2. The percentage of electric operation and maintenance expense to apply to the salaries and wages adjustment is calculated as follows: total operation and maintenance labor per Form 1, Page 354 less reimbursement of Catawba Joint Owners is divided by total salaries and wages excluding other accounts (e.g. other work in progress) and allocation of clearing accounts per Form 1, Page 355. The adjustment calculated in Step 1 is multiplied by this percentage.
3. The impact to related fringe benefit costs is calculated by multiplying the salaries and wage adjustment calculated in Step 1 by the fringe benefits contribution rate. The fringe benefits contribution rate is calculated by dividing account 926 - employee pensions and benefits booked during the test period by total operation and maintenance labor per Form 1, Page 354.
4. The impact to operation and maintenance expense also reflects an adjustment to restate variable short and long term pay booked during the test period to the 2023 target.

The impact to general taxes reflects the change in the FICA tax base. To adjust general taxes, the salaries and wages adjustment calculated in Step 1 is multiplied by the percentage of wages subject to OASDI by the OASDI tax rate for employers. Next, the adjustment due to Medicare tax is calculated by multiplying the salaries and wages adjustment calculated in Step 1 by the Medicare tax rate.

The impact to income taxes was determined by multiplying taxable income by the statutory tax rate.

DUKE ENERGY CAROLINAS, LLC
Docket No. 2023-388-E
Normalize O&M labor expenses
For the Test Period Ending December 31, 2022
(Dollars in thousands)

Application
SC2050 Summary
Page 1 of 1

Line No	<u>Impacted Income Statement Line Items</u>	Source	Total SC Retail Application
1	Sales of Electricity		
2	Other Revenue		
3	Electric operating revenue (L1+L2)		\$ -
4			
5	<u>Electric operating expenses:</u>		
6	Operation and maintenance:		
7	Fuel used in electric generation		
8	Purchased power		
9	Other operation and maintenance expense	SC2050-1	\$ 4,854
10	Depreciation and amortization		
11	General taxes	SC2050-1	\$ 318
12	Interest on customer deposits		
13	EDIT Amortization		
14	Net income taxes	SC2050-1	\$ (1,291)
15	Amortization of investment tax credit		
16	Total electric operating expenses (sum(L7:L15))		\$ 3,882
17			
18	Operating income (L3-L16)		\$ (3,882)
Line No	<u>Rate Base</u>	Source	Total SC Retail Application
20	Electric plant in service		\$ -
21	Accumulated depreciation and amortization		\$ -
22	Net electric plant in service (L20 + L21)		\$ -
23	Construction Work in Progress		\$ -
24	Plant Held for Future Use		
25	Materials and supplies		\$ -
26	Total Working Capital		\$ -
27	Accumulated deferred income taxes		\$ -
28	Operating reserves		\$ -
29	Total Rate Base (Sum L22:L28)		\$ -

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Line No.	Description	Labor Per Books	As of 9/30/2023 HR Salaries	Pro Forma HR salaries
1				
2	<u>Salaries and Wages by Payroll Company</u>			
3	Duke Energy Carolinas - salaries and wages - charged to Duke Energy Carolinas	\$ 681,026 [1]	\$ 712,410 [2]	\$ 31,384
4	Service Company DEBS - salaries and wages - charged to Duke Energy Carolinas	195,902 [1]	196,976 [2]	1,074
5	Duke Energy Progress - salaries and wages - charged to Duke Energy Carolinas	34,652 [1]	34,007 [2]	(645)
6	Total salaries and wages (Sum L3 through L5)	\$ 911,580	\$ 943,393	\$ 31,813
7				
8	<u>Calculation of Electric O&M % to Apply to Salaries & Wages Adjustment</u>			
9	Total salaries and wages (Form 1, Page 355, Line 96, Col (d))	\$ 1,178,107 [4]		
10	Less: other work in progress (Form 1, Page 355, Lines 78,79,80 Col (b))	14,108 [4]		
11	Less: allocation of payroll charged for clearing accounts (Form 1, Page 355, Line 96, Col (c))	28,955 [4]		
12	Total salaries and wages - excluding other WIP and allocation of clearing accounts (L9 - L10 - L11)	\$ 1,135,044		
13				
14	Total operating and maintenance (Form 1, Page 354, Line 28, Col (b))	\$ 777,257 [4]		
15	Less: reimbursement of electric O&M by Catawba Joint Owners (SC2050-3, L10)	105,679 [3]		
16	Net electric O&M salaries and wages (L14-L15)	\$ 671,578		
17				
18	Percent of incurred costs charged to electric expense (L16 / L12)	59.17%		59.17%
19	Net electric O&M salaries and wages to adjust (L6 x L18)			\$ 18,824
20				
21	<u>Adjustment to General Taxes - FICA</u>			
22	Net electric O&M salaries and wages to adjust (L19)			\$ 18,824
23	Percentage of wages subject to OASDI			88.80% [5]
24	Electric wage adjustment subject to OASDI tax (L22 x L23)			\$ 16,716
25	OASDI tax rate (employers)			6.20% [6]
26	Adjustment due to wage adjustment (before Medicare rate) (L24 x L25)			\$ 1,036
27				
28	Net electric O&M salaries and wages to adjust (L19)			\$ 18,824
29	Medicare tax rate			1.45% [6]
30	Adjustment due to Medicare tax (L28 x L29)			\$ 273
31	Impact to general taxes (L26 + L30)			\$ 1,309
32				
33	<u>Calculation of Fringe Benefits Contribution Rate</u>			
34	Account 926 - employee pensions and benefits - 12 Months Ended December 31, 2022	\$ 51,717 [7]		
35	Total operating and maintenance (Form 1, Page 354, Line 28, Col (b)) (L14)	777,257		
36	Fringe benefits contribution rate (L34 / L35)	6.65%		

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Application
SC2050-1 Calculation
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Line No.	Description	Total System	SC Retail Allocation	Total SC Retail
37	<u>Calculation of O&M (Including Fringe Benefits & Variable Pay) and Income Tax</u>			
38	Net electric O&M salaries and wages to adjust (L19)	\$ 18,824		
39	Fringe benefits contribution rate (L36)	6.65%		
40	Fringe benefits adjustment (L38 x L39)	\$ 1,252		
41				
42	Adjustment to variable short and long term pay	\$ (115) [8]		
43				
44	Impact to O&M (L38 + L40 + L42)	<u>\$ 19,962</u>	24.3191% [9]	<u>\$ 4,854</u>
45				
46	Impact to general taxes (L31)	<u>\$ 1,309</u>	24.3191% [9]	<u>\$ 318</u>
47				
48	Taxable income (-L44 - L46)	\$ (21,271)		\$ (5,173)
49	Statutory tax rate	24.9500% [10]		24.9500% [10]
50	Impact to income taxes (L48 x L49)	<u>\$ (5,307)</u>		<u>\$ (1,291)</u>
51				
52	Impact to operating income (L48 - L50)	<u>\$ (15,964)</u>		<u>\$ (3,882)</u>

[1] SC2050-2 Actuals - Salaries and Wages by Payroll Company for Duke Energy Carolinas - 12 Months Ended December 31, 2022
[2] SC2050-4 Annualized - Annual Salary Information by Payroll Company for Duke Energy Carolinas at September 30, 2023
[3] SC2050-3 Analysis of Total Labor \$ - Catawba Project (Gross, Allocated \$) - 12 Months Ended December 31, 2022
[4] SC2050-6 FERC - Distribution of Salaries and Wages, 12 Months Ended December 31, 2022 (Form 1, Page 354-355)
[5] SC2050-7 Tax - Quarterly Federal Tax Summary Report, Line 22, Col. (d)
[6] SC2050-8 OASDI - OASDI and SSI Program Rates & Limits
[7] SC2050-9 Pensions and Benefits - Duke Energy Carolinas - (926) Employee Pensions and Benefits - 12 Months Ended December 31, 2022
[8] SC2050-10 STI & LTI Summary - Variable Short and Long Term Pay for Duke Energy Carolinas - 12 Months ended December 31, 2022
[9] SC Retail Allocation Factor - All - Labor - Jur
[10] SC1010-4 Tax Rate - 2023 Calculation of Tax Rates, Line 10

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Salaries and Wages by Payroll Company for Duke Energy Carolinas - 12 Months Ended December 31, 2022 [1]

Line No.	Payroll Company	Resource Category	Total	Percentage
1				
2	Duke Energy Carolinas (Payroll Company 100)	Direct Labor	\$ 565,950	83.1025%
3	Duke Energy Carolinas (Payroll Company 100)	Allocated Labor	115,076	16.8975%
4	Subtotal		\$ 681,026	100.0000%
5				
6	Service Company (Payroll Co. 110) - charged to DE Carolinas	Direct Labor	\$ 167,806	85.6580%
7	Service Company (Payroll Co. 110) - charged to DE Carolinas	Allocated Labor	28,096	14.3420%
8	Subtotal		\$ 195,902	100.0000%
9				
10	Duke Energy Progress (Payroll Co. 801) - charged to DE Carolinas	Direct Labor	\$ 27,329	78.8682%
11	Duke Energy Progress (Payroll Co. 801) - charged to DE Carolinas	Allocated Labor	7,323	21.1318%
12	Subtotal		\$ 34,652	100.0000%
13				
14	Total		<u>\$ 911,580</u>	

Note: Totals may not foot due to rounding

[1] Duke Energy Carolinas General Accounting and Reporting

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SC2050 -3 Joint Owner
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Analysis of Total Labor \$ - Catawba Project (Gross, Allocated \$) - 12 Months Ended December 31, 2022

Line No.	Description	Gross		Catawba	
		YTD Total		Reimbursement	
1	O&M	\$ 112,143	[1]	\$ 90,560	
2	A&G allocation	18,272	[1]	14,755	
3	Capital retirements	539	[1]	435	
4	Capital additions	18,821	[1]	15,199	
5	Accounting & billing, operating	344	[1]	286	
6	Accounting & billing, interconnect	186	[1]	78	
7	Total (Sum L1 through L6)	\$ 150,304		\$ 121,313	
8					
9					
	Less: capital retirements and additions (L3 + L4)			\$ 15,634	
10	Total (excluding capital retirements and additions) (L7 - L9)			\$ 105,679	
11					
12	<u>Calculation of Catawba Allocation Rate</u>				
13					
14	Total Catawba O&M labor expense (L1)	\$ 112,143			
15					
16	Duke Energy Carolinas total salaries & wages	\$ 1,178,107	[2]		
17	Less: A&G salaries and wages	164,434	[3]		
18	Total salaries and wages excluding A&G (L16 - L17)	\$ 1,013,673			
19					
20	Catawba reimbursement allocation rate (L14 / L18)	11.063%			
21					
22	NOTES:				
23	(a) Includes manual journals				
24	(b) Labor is reimbursed at 80.754% with these exceptions:				
25	- accounting & billing, operating \$ are reimbursed at 83.3333% and interconnect \$ are reimbursed at 50% of the 83.3333%				

[1] Provided by Duke Energy Catawba Joint Owner Accounting

[2] NC2050-6 - Distr. of Salaries and Wages, 12 Months Ended Dec 31, 2022 (Form 1, Page 354-355), Page 2, Line 96, Col (d)

[3] NC2050-6 - Distr. of Salaries and Wages, 12 Months Ended Dec 31, 2022 (Form 1, Page 354-355), Page 1, Line 27, Col (b)

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SC2050 -4 Annualized
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Annual Salary Information by Payroll Company for Duke Energy Carolinas at September 30, 2023

Line No.	Payroll Company	Grand Total
1		
2	Duke Energy Carolinas (Payroll Company 100)	\$ 886,996 [2]
3	Duke Energy Carolinas % of labor charged to Duke Energy Carolinas	80.3172% [1]
4	Duke Energy Carolinas labor charged to Duke Energy Carolinas (L2 x L3)	\$ 712,410
5		
6	Service Company (Payroll Company 110)	\$ 799,988 [2]
7	Service Company % of labor charged to Duke Energy Carolinas	24.6224% [1]
8	Service Company labor charged to Duke Energy Carolinas (L6 x L7)	\$ 196,976
9		
10	Duke Energy Progress (Payroll Company 801)	\$ 457,507 [2]
11	Duke Energy Progress % of labor charged to Duke Energy Carolinas	7.4331% [1]
12	Duke Energy Progress labor charged to Duke Energy Carolinas (L10 x L11)	\$ 34,007
13		
14	Total - sum of annual salaries (L4 + L8 + L12)	\$ 943,393

[1] NC2050-5 - Labor Allocations by Business Unit Group - 12 Months Ended September 30, 2023

[2] Information provided by Duke Energy Human Resources Operations

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Application
SC2050-5 Labor Alloc
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Labor Allocations by Business Unit Group - 12 Months Ended September 30, 2023 [1]
Base Labor Resource Types Included: 11000, 11002, 18000, 18001, 18005

Line	No.	Resp Center Level 2 Node Name LVL	BU Group	Monetary Amount JD	Percentage
1					
2	100_DUKE_POWER_CONSO	1. DE Carolinas	\$	696,617	80.32%
3	100_DUKE_POWER_CONSO	2. DE Progress	\$	102,717	11.84%
4	100_DUKE_POWER_CONSO	3. DEBS	\$	478	0.06%
5	100_DUKE_POWER_CONSO	4. Other	\$	67,521	7.78%
6	100_DUKE_POWER_CONSO	Total (Sum L2 through L5)	\$	867,332	100.00%
7					
8	110_SERVICE_COMPANY	1. DE Carolinas	\$	198,747	24.62%
9	110_SERVICE_COMPANY	2. DE Progress	\$	129,485	16.04%
10	110_SERVICE_COMPANY	3. DEBS	\$	65,635	8.13%
11	110_SERVICE_COMPANY	4. Other	\$	413,312	51.20%
12	110_SERVICE_COMPANY	Total (Sum L8 through L11)	\$	807,179	100.00%
13					
14	801_DE_PROGRESS	1. DE Carolinas	\$	34,098	7.43%
15	801_DE_PROGRESS	2. DE Progress		415,713	90.62%
16	801_DE_PROGRESS	3. DEBS		(9)	0.00%
17	801_DE_PROGRESS	4. Other		8,931	1.95%
18	801_DE_PROGRESS	Total (Sum L14 through L17)	\$	458,733	100.00%
19					
20	Total (L6 + L12 + L18)		\$	2,133,243	

Source: Duke Energy Corporate Accounting

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SC2050-6 FERC
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DUKE ENERGY CAROLINAS			December 31, 2022	
DISTRIBUTION OF SALARIES AND WAGES				
Line No.	Classification (a)	Direct Payroll Distribution (b)	Allocation of Payroll Charged for Clearing Accounts (c)	Total (d)
1	Electric			
2	Operation			
3	Production	298,452		
4	Transmission	13,747		
5	Regional Market	0		
6	Distribution	27,028		
7	Customer Accounts	32,789		
8	Customer Service and Informational	9,219		
9	Sales	10,368		
10	Administrative and General	164,175		
11	TOTAL Operation (Enter Total of lines 3 thru 10)	555,778		
12	Maintenance			
13	Production	178,606		
14	Transmission	8,172		
15	Regional Market	0		
16	Distribution	34,443		
17	Administrative and General	258		
18	TOTAL Maintenance (Enter Total of lines 13 thru 17)	221,478		
19	Total Operation and Maintenance			
20	Production (Enter Total of lines 3 and 13)	477,058		
21	Transmission (Enter Total of lines 4 and 14)	21,919		
22	Regional Market (Enter Total If Lines 5 and 15)	0		
23	Distribution (Enter Total of lines 6 and 16)	61,471		
24	Customer Accounts (Transcribe from line 7)	32,789		
25	Customer Service and Informational (Transcribe from line 8)	9,219		
26	Sales (Transcribe from line 9)	10,368		
27	Administrative and General (Enter Total of lines 10 and 17)	164,434		
28	TOTAL Operation and Maintenance (Total of lines 20 thru 27)	777,257	400	777,657
29	Other Utility Departments			
30	Operation and Maintenance	0		0
31	TOTAL All Utility Dept. (line 28)	777,257	400	777,657
32	Utility Plant			
33	Construction (By Utility Departments)			
34	Electric Plant	312,746	28,555	341,302
35	Gas Plant			
36	Other (provide details in footnote)	0		0
37	TOTAL Construction (Enter Total of lines 34 thru 36)	312,746	28,555	341,302
38	Plant Removal (By Utility Departments)			
39	Electric Plant	45,040		45,040
40	Gas Plant			
41	Other (provide details in footnote)	0		0
42	TOTAL Plant Removal (Total of lines 39 thru 41)	45,040		45,040
43	Other Accounts (Specify, provide details in footnote):			
44	Non-Regulated Products & Services	3,880		3,880
45	Other Work in Progress	5,078		5,078
46	Other Accounts	5,150		5,150
61	TOTAL Other Accounts	14,107		14,107
62	TOTAL SALARIES AND WAGES	1,149,151	28,955	1,178,107

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SC2050-7 Tax
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Quarterly Federal Tax Summary Report (Report ID: TAX010FD) - Summary

Line No.	Description	(a)	(b)	(c)	12 Months Ended December 31, 2022 (d)
1					
2	<u>Duke Energy Carolinas</u>				
3	FICA/OASDI Column 'YTD Subject Wages'				\$ 1,081,067,655 [1]
4	FICA/OASDI Column 'YTD Taxable Wages'				969,329,834 [1]
5	Percentage Total (L4 / L3)				89.66%
6					
7	<u>Duke Energy Business Services</u>				
8	FICA/OASDI Column 'YTD Subject Wages'				\$ 1,023,086,947 [2]
9	FICA/OASDI Column 'YTD Taxable Wages'				871,308,496 [2]
10	Percentage Total (L9 / L8)				85.16%
11					
12	<u>Duke Energy Progress</u>				
13	FICA/OASDI Column 'YTD Subject Wages'				\$ 578,165,698 [3]
14	FICA/OASDI Column 'YTD Taxable Wages'				533,737,657 [3]
15	Percentage Total (L14 / L13)				92.32%
16					
17	<u>Calculation of Percentage of Wages Subject to OASDI</u>				
18	<u>For 12 Months Ended December 31, 2022</u>				
19	Duke Energy Carolinas	\$ 681,026 [4]	74.71% [5]	89.66% [8]	66.99% [11]
20	Duke Energy Business Services	195,902 [4]	21.49% [6]	85.16% [9]	18.30% [11]
21	Duke Energy Progress	34,652 [4]	3.80% [7]	92.32% [10]	3.51% [11]
22	Total (Sum L19 through L21)	\$ 911,580	100.00%		88.80%

- [1] SC2050-7 Tax, Page 2 of 2, Quarterly Federal Tax Summary Report - 4th Quarter 2022 Company: 100
[2] SC2050-7 Tax, Page 2 of 2, Quarterly Federal Tax Summary Report - 4th Quarter 2022, Company: 110
[3] SC2050-7 Tax, Page 2 of 2, Quarterly Federal Tax Summary Report - 4th Quarter 2022, Company: 801
[4] SC2050-2 Actuals - Salaries and Wages by Payroll Company for Duke Energy Carolinas - 12 Months Ended December 31, 2022
[5] Column (a), Line 19 divided by Line 22
[6] Column (a), Line 20 divided by Line 22
[7] Column (a), Line 21 divided by Line 22
[8] Column (d), Line 5
[9] Column (d), Line 10
[10] Column (d), Line 15
[11] Column (b) multiplied by Column (c)

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Quarterly Federal Tax Summary Report (Report ID: TAX010FD) - Summary

Tax Filing Quarterly Data by Company

Calendar Qu 2022-Q4

Include YTD Yes

Combine Resident with Work State Withholding

Include In Progress Results Only

Combine In Progress Results with Completed Results

Data for Quarters

Company	Quarter	Tax Authority	Tax	Tax Filing Code	YTD Tax Withheld	YTD Taxable Wages	YTD Subject Wages
100 Duke Energy Carolinas, LLC	2022-Q4	Federal	OASDI (ER)	W_OASERFEDERAL	60,098,450	969,329,834	1,084,948,421
100 Duke Energy Carolinas, LLC	2022-Q4	Federal	OASDI	W_OASFEDERAL	60,098,450	969,329,834	1,081,067,655
Company	Quarter	Tax Authority	Tax	Tax Filing Code	YTD Tax Withheld	YTD Taxable Wages	YTD Subject Wages
110 Duke Energy Business Services, LLC	2021-Q4	Federal	56-2115358	OASDI (ER)	54,021,126	871,308,496	1,051,839,372
110 Duke Energy Business Services, LLC	2021-Q4	Federal	56-2115358	OASDI	54,021,126	871,308,496	1,023,086,947
Company	Quarter	Tax Authority	Tax	Tax Filing Code	YTD Tax Withheld	YTD Taxable Wages	YTD Subject Wages
801 Duke Energy Progress, LLC	2021-Q4	Federal	OASDI (ER)	W_OASERFEDERAL	33,091,735	533,737,657	579,141,939
801 Duke Energy Progress, LLC	2021-Q4	Federal	OASDI	W_OASFEDERAL	33,091,734	533,737,657	578,165,698

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Fact Sheet

SOCIAL SECURITY

2023 SOCIAL SECURITY CHANGES

Cost-of-Living Adjustment (COLA):

Based on the increase in the Consumer Price Index (CPI-W) from the third quarter of 2021 through the third quarter of 2022, Social Security and Supplemental Security Income (SSI) beneficiaries will receive an 8.7 percent COLA for 2023. Other important 2023 Social Security information is as follows:

Tax Rate	2022	2023
Employee	7.65%	7.65%
Self-Employed	15.30%	15.30%

NOTE: The 7.65% tax rate is the combined rate for Social Security and Medicare. The Social Security portion (OASDI) is 6.20% on earnings up to the applicable taxable maximum amount (see below). The Medicare portion (HI) is 1.45% on all earnings. Also, as of January 2013, individuals with earned income of more than \$200,000 (\$250,000 for married couples filing jointly) pay an additional 0.9 percent in Medicare taxes. The tax rates shown above do not include the 0.9 percent.

	2022	2023
Maximum Taxable Earnings		
Social Security (OASDI only)	\$147,000	\$160,200
Medicare (HI only)	No Limit	

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Application
SC2050-9 Pensions and Benefits
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Duke Energy Carolinas - (926) Employee Pensions and Benefits
Twelve Months Ended December 31, 2022

<u>Line</u> <u>No.</u>	<u>Account & Description</u>	<u>Total</u>
1		
2	0926000 - Empl Pensions and Benefits	\$ 237,820 [1]
3	0926420 - Employees' Tuition Refund	1 [1]
4	0926430 - Employees' Recreation Expense	21 [1]
5	0926600 - Employee Benefits - Transferred	(101,194) [1]
6	0926999 - Non Serv Pension (ASU 2017-07)	(84,931) [1]
7	Total (Sum L2 through L6)	<u>\$ 51,717</u>

[1] Working Trial Balance

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SC2050-10 STI & LTI summary
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Variable Short and Long Term Pay for Duke Energy Carolinas - 12 Months ended December 31, 2022

Line No.	Description	Total Carolinas
1		
2	Test year level of variable short term pay	\$ 101,711.0 [1]
3	Test year level of variable long term pay	\$ 33,492.0 [2]
4	Total (L2 + L3)	\$ 135,203.0
5		
6	Catawba reimbursement allocation rate	11.063% [4]
7	Non-ownership percentage in Catawba plant	80.754% [4]
8		
9	Costs reimbursed by Catawba Joint Owners (L4 x L6 x L7)	\$ 12,079
10	Remaining variable short and long term pay (L4 - L9)	\$ 123,124
11		
12	2023 target level of variable short term pay	\$ 102,418 [3]
13	2023 target level of variable long term pay	32,659 [2]
14	Total (L12 + L13)	\$ 135,077
15		
16	Catawba reimbursement allocation rate (L6)	11.063% [4]
17	Non-ownership percentage in Catawba plant (L7)	80.754% [4]
18		
19	Estimated costs reimbursed by Catawba Joint Owners (L14 x L16 x L17)	\$ 12,068
20	Remaining variable short and long term pay (L14 - L9)	\$ 123,009
21		
22	Adjustment to restate variable short and long term pay at target (L20 - L10)	(115)

[1] SC2050-10a STI actual - Level of Variable Short Term Pay for Duke Energy Carolinas - 12 Months Ended December 31, 2022, Line 39, Col. (c)

[2] SC2050-10c LTI - Variable Long Term Pay for Duke Energy Carolinas, Lines 6 and 13, Col. (a)

[3] SC2050-10b STI target - 2023 level of Variable Short Term Pay for Duke Energy Carolinas, Line 39, Col. (c)

[4] SC2050-3 Joint Owner - Analysis of Total Labor \$ - Catawba Project (Gross, Allocated \$), 12 Months Ended December 31, 2022, Lines 20 and 24

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SC2050-10a STI actual
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Level of Variable Short Term Pay for Duke Energy Carolinas - 12 Months Ended December 31, 2022

Line No.	Description	Other Balance Sheet (a)	Capital (b)	O&M (c)	Total (d)
1					
2	<u>Direct Charge:</u>				
3	Duke Energy Commercial Enterprises	\$ 0	\$ -	\$ 1	\$ 1
4	Duke Energy Business Services	3,971	4,363	16,948	25,282
5	Duke Energy Carolinas	7,356	19,511	66,003	92,869
6	Duke Energy Indiana	0	2	48	50
7	Duke Energy Kentucky	-	0	1	1
8	Duke Energy Ohio	0	0	5	5
9	Piedmont Natural Gas	1	1	47	50
10	Duke Energy Progress	158	900	2,123	3,181
11	Duke Energy Florida	25	46	198	269
12	Direct Charge Total (Sum L3 through L11)	<u>\$ 11,511</u>	<u>\$ 24,823</u>	<u>\$ 85,372</u>	<u>\$ 121,706</u>
13					
14	Percentage split between capital and O&M for direct charges		22.5%	77.5%	100.0%
15					
16	<u>Service Company Allocation:</u>				
17	Duke Energy Commercial Enterprises	\$ -	\$ -	\$ 0	\$ 0
18	Duke Energy Business Services	-	285	13,075	13,360
19	Duke Energy Carolinas	(71)	31	(6,057)	(6,097)
20	Duke Energy Indiana	-	0	(10)	(9)
21	Duke Energy Kentucky	-	-	-	-
22	Duke Energy Ohio	-	-	1	1
23	Piedmont Natural Gas	-	-	(24)	(24)
24	Duke Energy Progress	84	0	456	540
25	Duke Energy Florida	-	1	(31)	(30)
26	Service Company Allocation Total (Sum L17 through L25)	<u>\$ 13</u>	<u>\$ 318</u>	<u>\$ 7,409</u>	<u>\$ 7,739</u>
27					
28	Percentage split between capital and O&M for allocated		4.1%	95.9%	100.0%
29					
30	Total (L12 + L26)	<u>\$ 7,802,056</u>	<u>\$ 25,141</u>	<u>\$ 92,781</u>	<u>\$ 129,446</u>
31					
32	Percentage split between capital and O&M for total		21.3%	78.7%	100.0%
33					
34	<u>Summary:</u>				
35	Direct (L12)	\$ 11,511	\$ 24,823	\$ 85,372	121,706
36	Re-assignment of direct "other" (Col. (a) x Line 12)	(11,511)	2,593	8,918	-
37	Allocated (L26)	13	318	7,409	7,739
38	Re-assignment of allocated "other"	(13)	1	12	-
39	Total (Sum L35 through L38)	<u>\$ -</u>	<u>\$ 27,734</u>	<u>\$ 101,711</u>	<u>\$ 129,446</u>

Source: Duke Energy Corporate Accounting

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Normalize O&M labor expenses
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Application
SC2050-10b STI target
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2023 Target Level of Variable Short Term Pay for Duke Energy Carolinas

Line No.	Description	Other Balance Sheet (a)	Capital (b)	O&M (c)	Total (d)
1					
2	<u>Total Charge:</u>				
3	Duke Energy Commercial Enterprises	\$ -	\$ -	\$ -	\$ -
4	Duke Energy Business Services	4,266	3,586	31,441	39,293
5	Duke Energy Carolinas	7,147	21,907	59,313	88,367
6	Duke Energy Indiana	-	4	22	26
7	Duke Energy Kentucky	-	-	-	-
8	Duke Energy Ohio	-	0	0	0
9	Piedmont Natural Gas	19	-	(2)	17
10	Duke Energy Progress	320	800	2,291	3,411
11	Duke Energy Florida	39	21	157	218
12	Direct Charge Total (Sum L3 through L11)	<u>\$ 11,792</u>	<u>\$ 26,318</u>	<u>\$ 93,222</u>	<u>\$ 131,333</u>
13					
14	Percentage split between capital and O&M for direct charges		22.0%	78.0%	100.0%
15					
16	<u>Service Company Allocation:</u>				
17	Duke Energy Commercial Enterprises	\$ -	\$ -	\$ -	\$ -
18	Duke Energy Business Services	-	-	-	-
19	Duke Energy Carolinas	-	-	-	-
20	Duke Energy Indiana	-	-	-	-
21	Duke Energy Kentucky	-	-	-	-
22	Duke Energy Ohio	-	-	-	-
23	Piedmont Natural Gas	-	-	-	-
24	Duke Energy Progress	-	-	-	-
25	Duke Energy Florida	-	-	-	-
26	Service Company Allocation Total (Sum L17 through L25)	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u> [1]
27					
28	Percentage split between capital and O&M for allocated				
29					
30	Total (L12 + L26)	<u>\$ 11,792</u>	<u>\$ 26,318</u>	<u>\$ 93,222</u>	<u>\$ 131,333</u>
31					
32	Percentage split between capital and O&M for total		22.0%	78.0%	100.0%
33					
34	<u>Summary:</u>				
35	Direct (L12)	\$ 11,792	\$ 26,318	\$ 93,222	\$ 131,333
36	Re-assignment of direct "other" (Col. (a) x Line 12)	(11,792)	2,596	9,196	-
37	Allocated (L26)	-	-	-	-
38	Re-assignment of allocated "other"	-	-	-	-
39	Total (Sum L35 through L38)	<u>\$ -</u>	<u>\$ 28,914</u>	<u>\$ 102,418</u>	<u>\$ 131,333</u>

Source: Duke Energy Corporate Accounting

[1] Service company allocation portion not available in budget view. Amount is embedded in direct charge section.

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Application
SC2050-10c LTI
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Variable Long Term Pay for Duke Energy Carolinas

Line No.	Description	Total (a)	Performance Awards (b)	Restricted Stock Units (c)
1				
2	<u>Stock-Based Compensation - Actuals - 12 Months Ended Dec 31, 2022</u>			
3				
4	Grand total - gross	\$ 35,538 [1]	\$ 15,717	\$ 19,821
5	Less: capital	2,045	107	1,938
6	Stock-based compensation, net EBIT (L4-L5)	\$ 33,492 [1]	\$ 15,610	\$ 17,883
7				
8				
9	<u>Ongoing Stock-Based Compensation</u>			
10				
11	Grand total - gross	\$ 34,934 [1]	\$ 14,070	\$ 20,864
12	Less: capital	2,275 [1]	126	2,149
13	Stock-based compensation, net EBIT (L11-L12)	\$ 32,659	\$ 13,943	\$ 18,716
14				

Source: Duke Energy Corporate Accounting

DUKE ENERGY CAROLINAS, LLC
Docket No. 2023-388-E
Update Benefit costs
For the Test Period Ending December 31, 2022

Application
SC2060 Narrative

Detailed Narrative Explanation of Adjustment

This proforma adjusts operation and maintenance expense and income taxes for changes in benefit costs.

The impact to operation and maintenance expense reflects the annual level of pension, OPEB, Active Medical, FAS112 and non-qualified pension benefits based on a report/analysis from the Company's third party consultant, less actual amounts in the test period for these expenses.

The impact to income taxes is determined by multiplying taxable income by the statutory tax rate.

DUKE ENERGY CAROLINAS, LLC
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Update Benefit costs
For the Test Period Ending December 31, 2022
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Application
SC2060 Summary
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Line No	Impacted Income Statement Line Items	Source	Total SC Retail Application
1	Sales of Electricity		
2	Other Revenue		
3	Electric operating revenue (L1+L2)		\$ -
4			
5	<u>Electric operating expenses:</u>		
6	Operation and maintenance:		
7	Fuel used in electric generation		
8	Purchased power		
9	Other operation and maintenance expense	SC2060-1	\$ 42
10	Depreciation and amortization		
11	General taxes		
12	Interest on customer deposits		
13	EDIT Amortization		
14	Net income taxes	SC2060-1	\$ (11)
15	Amortization of investment tax credit		
16	Total electric operating expenses (sum(L7:L15))		\$ 32
17			
18	Operating income (L3-L16)		\$ (32)
19	<u>Rate Base</u>	Source	Total SC Retail Application
20	Electric plant in service		\$ -
21	Accumulated depreciation and amortization		\$ -
22	Net electric plant in service (L20 + L21)		\$ -
23	Construction Work in Progress		\$ -
24	Plant Held for Future Use		\$ -
25	Materials and supplies		\$ -
26	Total Working Capital		\$ -
27	Accumulated deferred income taxes		\$ -
28	Operating reserves		\$ -
29	Total Rate Base (sum L22:L28)		\$ -

DUKE ENERGY CAROLINAS, LLC
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Update Benefit costs
For the Test Period Ending December 31, 2022
(Dollars in thousands)

Application
SC2060-1 Calculation
Page 1 of 1

Line		12 Months Ended December 2022 <u>Total</u>	2023 <u>Projection</u>	Total System Adjustment <u>Adjustment</u>	SC Retail <u>Allocation</u>	Total SC Retail
No	<u>Benefits by Category</u>					
	<u>Benefits provided to Duke Energy Carolinas (DEC) or charged to DEC:</u>					
1	Qualified Pension	\$ (34,613) [1]	\$ (35,165) [1]			
2	OPEB and Active Medical	77,017 [2]	75,319 [2]			
3	FAS 112	2,612 [3]	6,139 [3]			
4	Non-Qualified Pension	538 [4]	538 [4]			
5	Total (Sum L1 through L4)	<u>\$ 45,553</u>	<u>\$ 46,832</u>			
6						
7	<u>Benefits provided to Duke Energy Business Services (DEBS) allocated to DEC:</u>					
8	Qualified Pension	\$ (910) [1]	\$ (3,026) [1]			
9	OPEB and Active Medical	27,198 [2]	27,000 [2]			
10	FAS 112	2 [3]	1,477 [3]			
11	Non-Qualified Pension	2,446 [4]	2,392 [4]			
12	Total (Sum L8 through L11)	<u>\$ 28,735</u>	<u>\$ 27,844</u>			
13						
14	<u>Benefits provided to Duke Energy Progress (DEP) allocated to DEC:</u>					
15	Qualified Pension	\$ 1,943 [1]	\$ 1,420 [1]			
16	OPEB and Active Medical	3,698 [2]	4,290 [2]			
17	FAS 112	223 [3]	97 [3]			
18	Non-Qualified Pension	- [4]	- [4]			
19	Total (Sum L15 through L18)	<u>\$ 5,864</u>	<u>\$ 5,807</u>			
20						
21						
22	Percent of incurred costs charged to electric expense for All - Except Non-Qualified Pension	59.17% [5]	59.17% [5]			
23	Percent of incurred costs charged to electric expense for Non-Qualified Pension	100.00%	100.00%			
24						
25	Total Qualified Pension, OPEB and Active Medical, FAS112 to expense ((L1 to L3)+(L8 to L10))*L15	\$ 45,661	\$ 45,888	\$ 227		
26	Total Non-Qualified Pension to expense (L4 + L11)*L16	2,984	2,930	(54)		
27	Impact to O&M - total benefits adjustment (L18 + L19)	<u>\$ 48,645</u>	<u>\$ 48,818</u>	<u>\$ 173</u>	24.3191% [6]	\$ 42
28						
29	Statutory tax rate			24.9500% [7]		24.9500%
30	Impact to income taxes (-L20 x L22)			\$ (43)		\$ (11)
31						
32	Impact to operating income (-L20 - L23)			<u>\$ (130)</u>		<u>\$ (32)</u>

- [1] SC2060-2 Qualified Pension - Lines 5, 9, 14, and 25
[2] SC2060-3 Summary of OPEB and Active Medical Expenses - Lines 5, 9, 30, 19, 23, 40, 39, 14, and 35
[3] SC2060-4 FAS112 - Sum (Lines 5, 10) and Line 15
[4] SC2060-5 NQ Pension - Lines 3, 8
[5] SC2050-1 Calculation - Line 18
[6] SC Retail - All - Labor - Jur
[7] SC1010-4 Tax Rate - 2022 Calculation of Tax Rates, Line 10

Note: Totals may not foot due to rounding

DUKE ENERGY CAROLINAS, LLC
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Update Benefit costs
For the Test Period Ending December 31, 2022
(Dollars in thousands)

Application
SC2060-2 Qualified Pension
Page 1 of 1

Summary of Qualified Pension Expenses

Line No.	Description	12 Months Ended December 2022 Total	2023 Projection
1			
2	<u>Duke Energy Carolinas (DEC):</u>		
3	Qualified Pension - service costs	\$ 48,344	\$ 38,014
4	Labor percentage charged to DEC from DEC	81.52% [2]	80.32% [3]
5	Amount charged to DEC from DEC (L3 x L4)	\$ 39,410	\$ 30,531
6			
7	Qualified Pension - nonservice costs	\$ (74,023)	\$ (65,696)
8	Percentage charged to DEC from DEC	100%	100%
9	Amount charged to DEC from DEC (L7 x L8)	\$ (74,023)	\$ (65,696)
10			
11	<u>Duke Energy Progress (DEP):</u>		
12	Qualified pension - service cost	\$ 25,265	\$ 19,109
13	Labor percentage charged to DEC from DEP	7.69% [2]	7.43% [3]
14	Amount charged to DEC from DEP (L12 x L13)	\$ 1,943	\$ 1,420
15			
16	<u>Duke Energy Business Services:</u>		
17	Qualified Pension - service costs	\$ 41,365	\$ 32,294
18	Percentage charged to DEC from DEBS	28.06% [4]	27.61% [4]
19	Amount charged to DEC from DEBS (L17 x L18)	\$ 11,607	\$ 8,916
20			
21	Qualified Pension - non-service costs	\$ (37,534)	\$ (35,671)
22	Percentage charged to DEC from DEBS	33.35% [5]	33.48% [5]
23	Amount charged to DEC from DEBS (L21 x L22)	\$ (12,517)	\$ (11,943)
24			
25	Total amount charged to DEC from DEBS (L19 + L23)	\$ (910)	\$ (3,026)
26			
27	Total DEC Qualified Pension expenses (L5 + L9 + L14 + L25)	\$ (33,581)	\$ (36,771)

[1] Duke Energy Corporate Accounting

[2] 2022 Labor Allocation from Duke Energy Corporate Accounting

[3] 12 months ended September 2023 Labor Allocation from Duke Energy Corporate Accounting

[4] Duke Energy Business Services direct labor and allocations

[5] Factors source: 2022 and 2023 CAM Executive ESP Other Governance.

Note: Totals may not foot due to rounding

DUKE ENERGY CAROLINAS, LLC
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Application
SC2060-3 OPEB
Page 1 of 1

Summary of OPEB Expenses and Active Medical		12 Months Ended December 2022 Total	2023 Projection
Line No.	Description		
1			
2	<u>Duke Energy Carolinas (DEC):</u>		
3	OPEB - service cost	\$ 752	\$ 513
4	Percentage charged to DEC from DEC	81.52% [2]	80.32% [3]
5	Amount charged to DEC from DEC (L3 x L4)	\$ 613	\$ 412
6			
7	OPEB - nonservice cost	\$ (4,500)	\$ (9,448)
8	Percentage charged to DEC from DEC	100.00%	100.00%
9	Amount charged to DEC from DEC (L7 x L8)	\$ (4,500)	\$ (9,448)
10			
11	<u>Duke Energy Progress (DEP):</u>		
12	OPEB - service cost	\$ 71	\$ 43
13	Labor percentage charged to DEC from DEP	7.69% [2]	7.43% [3]
14	Amount charged to DEC from DEP (L12 x L13)	\$ 5	\$ 3
15			
16	<u>Duke Energy Business Services (DEBS):</u>		
17	OPEB - service cost	\$ 902	\$ 641
18	Percentage charged to DEC from DEBS	28.06% [4]	27.61% [4]
19	Amount charged to DEC from DEBS (L17 x L18)	\$ 253	\$ 177
20			
21	OPEB - nonservice cost	\$ 423	\$ (1,844)
22	Percentage charged to DEC from DEBS	33.35% [5]	33.48% [5]
23	Amount charged to DEC from DEBS (L21 x L22)	\$ 141	\$ (617)
24			
25	Total DEC OPEB adjusted expenses L35 (L5 + L9 + L14 + L19 + L23)	\$ (3,487)	\$ (9,473)
26			
27	<u>Duke Energy Carolinas (DEC):</u>		
28	Active Medical	\$ 99,244	\$ 105,028
29	Percentage charged to DEC from DEC	81.52% [2]	80.32% [3]
30	Amount charged to DEC from DEC (L28 x L29)	\$ 80,904	\$ 84,355
31			
32	<u>Duke Energy Progress (DEP):</u>		
33	Active Medical	\$ 48,016	\$ 57,670
34	Labor percentage charged to DEC from DEP	7.69% [2]	7.43% [3]
35	Amount charged to DEC from DEP (L33 x L34)	\$ 3,692	\$ 4,287
36			
37	<u>Duke Energy Business Services (DEBS):</u>		
38	Active Medical	\$ 95,523	\$ 99,387
39	Percentage charged to DEC from DEBS	28.06% [4]	27.61% [4]
40	Amount charged to DEC from DEBS (L38 x L39)	\$ 26,804	\$ 27,441
41			
42	Total DEC Active Medical expenses (L30 + L35 + L40)	\$ 111,400	\$ 116,083
43			
44	Total DEC OPEB and Active Medical expenses (L25 + L42)	\$ 107,912	\$ 106,610

- [1] Duke Energy Corporate Accounting
[2] 2022 Labor Allocation from Duke Energy Corporate Accounting
[3] 12 months ended September 2023 Labor Allocation from Duke Energy Corporate Accounting
[4] Duke Energy Business Services direct labor and allocations
[5] Factors source: 2022 and 2023 CAM Executive ESP Other Governance.
Note: Totals may not foot due to rounding

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Update Benefit costs
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(Dollars in thousands)

Application
SC2060-4 FAS112
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Summary of FAS112 Expenses

Line No.	Description	12 Months Ended December 2022 Total	2023 Projection
1			
2	<u>Duke Energy Carolinas (DEC):</u>		
3	FAS 112	\$ 3,204	\$ 7,644
4	Labor percentage charged to DEC from DEC	81.52% [2]	80.32% [3]
5	Amount charged to DEC from DEC (L3 x L4)	\$ 2,612	\$ 6,139
6			
7	<u>Duke Energy Progresss (DEP):</u>		
8	FAS 112	\$ 2,904	\$ 1,302
9	Labor percentage charged to DEC from DEP	7.69% [2]	7.43% [3]
10	Amount charged to DEC from DEP (L8 x L9)	\$ 223	\$ 97
11			
12	<u>Duke Energy Business Services (DEBS):</u>		
13	FAS 112	\$ 6	\$5,351
14	Percentage charged to DEC from DEBS	28.06% [4]	27.61% [4]
15	Amount charged to DEC from DEBS (L13 x L14)	\$ 2	\$ 1,477
16			
17	Total DEC FAS 112 expenses (L5 + L10 + L15)	\$ 2,837	\$ 7,713

[1] Duke Energy Corporate Accounting

[2] 2022 Labor Allocation from Duke Energy Corporate Accounting

[3] 12 months ended September 2023 Labor Allocation from Duke Energy Corporate Accounting

[4] Duke Energy Business Services direct labor and allocations

Note: Totals may not foot due to rounding

DUKE ENERGY CAROLINAS, LLC
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Application
SC2060-5 NQ Pension
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Summary of Non-Qualified Pension Expenses

Line No.	Description	12 Months Ended December 2022 Total	2023 Projection
1			
2	<u>Duke Energy Carolinas (DEC):</u>		
3	Non-Qualified Pension	\$ 538	\$ 538
4			
5	<u>Duke Energy Business Services (DEBS):</u>		
6	Non-Qualified Pension	\$ 7,334	\$ 7,145
7	Percentage charged to DEC from DEBS	33.35% [2]	33.48% [2]
8	Amount charged to DEC from DEBS (L6 x L7)	\$ 2,446	\$ 2,392
9			
10	Total DEC Non-Qualified Pension expenses (L3 + L8)	\$ 2,984	\$ 2,930

[1] Duke Energy Corporate Accounting

[2] Factors source: 2022 and 2023 Cost Allocation Manual Executive ESP Other Governance.

Note: Totals may not foot due to rounding

DUKE ENERGY CAROLINAS, LLC
Docket No. 2023-388-E
Adjust vegetation management expenses
For the Test Period Ending December 31, 2022

Application
Narrative

Detailed Narrative Explanation of Adjustment

This pro forma adjusts operation and maintenance expenses and income taxes for increased vegetation management expenses not included in the test period.

The impact to income taxes is determined by multiplying taxable income by the statutory tax rate.

DUKE ENERGY CAROLINAS, LLC
Docket No. 2023-388-E
Adjust vegetation management expenses
For the Test Period Ending December 31, 2022
(Dollars in thousands)

Application
SC2070 Summary

Line No	Impacted Income Statement Line Items	Source	Total SC Retail Application
1	Sales of Electricity		-
2	Other Revenue		-
3	Electric operating revenue (L1+L2)		\$ -
4			
5	<u>Electric operating expenses:</u>		
6	Operation and maintenance:		
7	Fuel used in electric generation		-
8	Purchased power		-
9	Other operation and maintenance expense	SC2070-1	461
10	Depreciation and amortization		-
11	General taxes		-
12	Interest on customer deposits		-
13	EDIT Amortization		-
14	Net income taxes	SC2070-1	(115)
15	Amortization of investment tax credit		-
16	Total electric operating expenses (sum(L7:L15))		\$ 346
17			
18	Operating income (L3-L16)		\$ (346)
			Total
19	<u>Rate Base</u>	Source	Change
20	Electric plant in service		\$ -
21	Accumulated depreciation and amortization		\$ -
22	Net electric plant in service (L20 + L21)		\$ -
23	Construction Work in Progress		\$ -
24	Plant Held for Future Use		\$ -
25	Materials and supplies		\$ -
26	Total Working Capital		\$ -
27	Accumulated deferred income taxes		\$ -
28	Operating reserves		\$ -
29	Total Rate Base (sum L22:L28)		\$ -

DUKE ENERGY CAROLINAS, LLC
Docket No. 2023-388-E
Adjust vegetation management expenses
For the Test Period Ending December 31, 2022
(Dollars in thousands)

Application
SC2070-1 Calculation

Line No.	Description	Total System	SC Retail Allocation	Total SC Retail
1				
2	Vegetation management adjustment - Distribution	\$ 491 [1]	25.1109% [2]	\$ 123
3	Vegetation management adjustment - Transmission	2,013 [1]	16.7963% [3]	338
4	Impact to O&M (L2 + L3)	<u>\$ 2,504</u>		<u>\$ 461</u>
5				
6	Statutory tax rate	24.95% [4]		24.95% [3]
7	Impact to income taxes (-L4 x L6)	<u>\$ (625)</u>		<u>\$ (115)</u>
8				
9	Impact to operating income (-L4 - L7)	<u><u>\$ (1,879)</u></u>		<u><u>\$ (346)</u></u>

[1] SC2070-2 - Vegetation Management Adjustment - Distribution and Transmission, Line 14 & Line 24

[2] SC Retail Allocation Factor - All - Dist Plt OH - Jur

[3] SC Retail Allocation Factor - All - Transmission Demand - Jur

[4] SC1010-4 2023 Calculation of Tax Rates, Line 10

Note: Totals may not foot due to rounding

DUKE ENERGY CAROLINAS, LLC
Docket No. 2023-388-E
Adjust vegetation management expenses
For the Test Period Ending December 31, 2022
(Dollars in thousands)

Application
SC2070-2 Veg Mgmt

Vegetation Management Adjustment - Distribution and Transmission ^[1]

Line		Total	Target	Number of Miles to Trim		
No.	Description	Miles	Cycle	per Year	Test Year	Adjusted
		(a)	(b)	(c) = (a) / (b)	(d)	(e)
2	<u>Vegetation Management Adjustment - Distribution</u>					
3	Urban Miles	2,120	5	424	431	424
4	Mountain Miles	4,270	7	610	1,095	610
5	Other Miles (includes Nantahala Mountain Miles)	44,954	9	4,995	4,581	4,995
6	Total Miles (Sum L3 through L5)	51,345		6,029	6,107	6,029
7	Cost per Mile				11,236	11,388
8	Production \$ (L6 x L7)/1000				\$ 68,615	\$ 68,658
9	Demand \$				3,493	3,732
10	Herbicide \$				3,483	3,645
11	Contract Inspectors \$				789	837
12	Program Target \$ (Sum L8 through L11)				\$ 76,379	\$ 76,871
13						
14	Total Distribution Adjustment (Line 12 Col (e) Less Col (d))					\$ 491
15						
16	<u>Vegetation Management Adjustment - Transmission</u>					
17	Transmission Routine Maintenance				\$ 4,432	\$ 4,664
18	Transmission Reactive Maintenance				1,950	2,374
19	Transmission Herbicide				4,454	5,062
20	Transmission Inspections				357	882
21	Transmission Substation Maintenance				1,390	1,613
22	Targeted Program Costs (Sum L17 through L21)				\$ 12,582	\$ 14,595
23						
24	Total Transmission Adjustment (Line 22 Col (e) Less Col (d))					\$ 2,013

[1] Source: Customer Delivery Finance

Note: Totals may not foot due to rounding

DUKE ENERGY CAROLINAS, LLC
Docket No. 2023-388-E
Adjust test year expenses
For the Test Period Ending December 31, 2022

Application
SC2080 Narrative

Detailed Narrative Explanation of Adjustment

This pro forma adjusts operation and maintenance expenses and income taxes in the test period to proactively adjust for mischarges as a result of human error in coding Company expenses. It also adjusts Interest Expense on Customer deposits to remove an adjustment which occurred during the test year.

DUKE ENERGY CAROLINAS, LLC
Docket No. 2023-388-E
Adjust test year expenses
For the Test Period Ending December 31, 2022
(Dollars in thousands)

Application
SC2080 Summary
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Line No	<u>Impacted Income Statement Line Items</u>	Source	Total SC Retail Application
1	Sales of Electricity		
2	Other Revenue		
3	Electric operating revenue (L1+L2)		\$ -
4			
5	<u>Electric operating expenses:</u>		
6	Operation and maintenance:		
7	Fuel used in electric generation		
8	Purchased power		
9	Other operation and maintenance expense	SC2080-1	\$ (200)
10	Depreciation and amortization		\$ -
11	General taxes		\$ -
12	Interest on customer deposits	SC2080-1	\$ 3,714
13	EDIT Amortization		\$ -
14	Net income taxes	SC2080-1	\$ (877)
15	Amortization of investment tax credit		
16	Total electric operating expenses (sum L7:L15)		\$ 2,638
17			
18	Operating income (L3-L16)		\$ (2,638)
19	<u>Rate Base</u>	Source	Total SC Retail Application
20	Electric plant in service		\$ -
21	Accumulated depreciation and amortization		\$ -
22	Net electric plant in service (L20 + L21)		\$ -
23	Construction Work in Progress		\$ -
24	Plant Held for Future Use		\$ -
25	Materials and supplies		\$ -
26	Total Working Capital		\$ -
27	Accumulated deferred income taxes		\$ -
28	Operating reserves		\$ -
29	Total Rate Base (sum L22:L28)		\$ -

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Application
SC2080-1 Calculation
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Line No.	Description		Total SC Retail
1	<u>Electric operating expenses:</u>		
2	Operation and maintenance:		
3	Fuel used in electric generation		
4	Purchased power		
5	Other operation and maintenance expense		(200) [1]
6	Depreciation and amortization		
7	General taxes		
8	Interest on customer deposits		3,714 [2]
9	EDIT Amortization		
10	Net income taxes (-sum L3 : L8) * Tax rate	24.9500%	(877) [3]
11	Amortization of investment tax credit		
12	Total electric operating expenses (sum L3:L11)		<u>2,638</u>

[1] From SC2080-2 Reserve Line 3

[2] From SC2080-3 Interest Exp Line 5

[3] SC1010-4 Tax Rate - 2022 Calculation of Tax Rates, Line 10

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Line No.	Description	Total SC Retail
1	Allowance for mischarges and agreed upon adjustments	\$ 200
2		
3	Impact to operation and maintenance expense (-L1)	\$ (200)
4		
5	Statutory tax rate	24.9500% [1]
6		
7	Impact to income taxes (-L3 x L5)	\$ 50
8		
9	Impact to operating income (-L3 - L7)	\$ 150

[1] SC1010-4 Tax Rate - 2022 Calculation of Tax Rates, Line 10

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Application
SC2080-3 Interest Exp
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Line No.	Description	Total System	Total SC Retail
1	Interest on Customer Deposits	\$ 9,080 [1]	\$ 1,754 [1]
2	Adjustment to Accrued Interest balance	(10,925) [1]	(3,714) [1]
3	Total Interest on Customer Deposits	\$ (1,845)	\$ (1,960)
4			
5	Remove Adjustment to Accrued Interest Balance	10,925	3,714
6			
7	Statutory tax rate	24.9500% [2]	24.9500%
8			
9	Impact to income taxes (-L3 x L7)	\$ (2,726)	\$ (927)
10			
11	Impact to operating income (-L3 - L9)	\$ (8,199)	\$ (2,788)

[1] Per COS Workpaper COS-621

[2] SC1010-4 Tax Rate - 2022 Calculation of Tax Rates, Line 10

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Adjust Aviation Expenses
For the Test Period Ending December 31, 2022

Application
SC2090 Narrative

Detailed Narrative Explanation of Adjustment

This pro-forma adjusts operation and maintenance expense, general taxes and income taxes for aviation expenses to be excluded from the test period.

The corporate aviation operation and maintenance, depreciation, and return expense booked during the test period is multiplied by 50% percent based on a equal sharing between customers and shareholders.

The impact to general taxes is determined by multiplying corporate aviation general tax expense by 50% based on a equal sharing between customers and shareholders.

The impact to income taxes is determined by multiplying taxable income by the statutory tax rate.

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Application
SC2090 Summary
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Line No	Impacted Income Statement Line Items	Source	Total SC Retail Application
1	Sales of Electricity		
2	Other Revenue		
3	Electric operating revenue (L1+L2)		\$ -
4			
5	<u>Electric operating expenses:</u>		
6	Operation and maintenance:		
7	Fuel used in electric generation		
8	Purchased power		
9	Other operation and maintenance expense	SC2090-1	\$ (775)
10	Depreciation and amortization		
11	General taxes	SC2090-1	\$ (12)
12	Interest on customer deposits		
13	EDIT Amortization		
14	Net income taxes	SC2090-1	\$ 196
15	Amortization of investment tax credit		
16	Total electric operating expenses (sum(L7:L15))		\$ (591)
17			
18	Operating income (L3-L16)		\$ 591
19	<u>Rate Base</u>	Source	Total SC Retail Application
20	Electric plant in service		\$ -
21	Accumulated depreciation and amortization		\$ -
22	Net electric plant in service (L20 + L21)		\$ -
23	Construction Work in Progress		\$ -
24	Plant Held for Future Use		\$ -
25	Materials and supplies		\$ -
26	Total Working Capital		\$ -
27	Accumulated deferred income taxes		\$ -
28	Operating reserves		\$ -
29	Total Rate Base (sum L22:L28)		\$ -

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Application
SC2090-1 Calculation
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Line No.	Description	Total System	SC Retail Allocation	Total SC Retail
1				
2	Removal of Corporate aviation O&M	\$ 3,186.170 [1]	24.3191% [3]	\$ 775
3	Impact to O&M (-L2)	\$ (3,186)		\$ (775)
4				
5	Removal of Corporate aviation general taxes	\$ 49 [2]	24.3191% [3]	\$ 12
6	Impact to general taxes (-L5)	\$ (49)		\$ (12)
7				
8	Taxable income (-L3 - L6)	\$ 3,236		\$ 787
9	Statutory tax rate	24.9500% [4]		24.9500% [4]
10	Impact to income taxes (L8 x L9)	\$ 807		\$ 196
11				
12	Impact to operating income (-L3 - L6 - L10)	\$ 2,428		\$ 591

[1] SC2090-2 Exp Summary - Duke Energy Carolinas - Corporate Aviation Expenses - 12 Months
Ended December 31, 2022

[2] SC2090-2 Exp Summary - Duke Energy Carolinas - Corporate Aviation Expenses - 12 Months
Ended December 31, 2022

[3] SC Retail - All - Labor - Jur

[4] SC1010-4 Tax Rate - 2023 Calculation of Tax Rates, Line 10

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Duke Energy Carolinas - Corporate Aviation Expenses - 12 Months Ended December 31, 2022

Line No.	Description	Total Company	Duke Energy Carolinas Allocation %	Total Duke Energy Carolinas
1	Corporate aviation general taxes	\$ 296.421 [1]		\$ 99 [1]
2	Percentage of corporate aviation expenses to be excluded from test period			50.00% [2]
3	Corporate aviation general tax to be excluded from test period (L1 x L2)			<u>\$ 49.428</u>
4				
5	Corporate aviation operation and maintenance expense	\$ 17,789 [1]		\$ 5,932.765 [1]
6				
7	Corporate aviation and aerial patrol depreciation expense	\$ 714 [3]		
8	Catawba reimbursement allocation rate	11.0630% [4]		
9	Non-ownership in Catawba plant	80.7540% [4]		
10	Costs reimbursed by Catawba Joint Owners (L7 x L8 x L19)	<u>\$ 64</u>		
11	Total less Catawba reimbursement (L7 - L10)	<u>\$ 649.977</u>		
12				
13	Percentage of aerial patrol O&M expenses compared to total	20.5300% [1]		
14	Depreciation expense considered a cost of aerial patrol (L11 x L13)	<u>\$ 133.440</u>		
15				
16	Depreciation expense less portion considered a cost of aerial patrol (L11 - L14)	<u>\$ 516.537</u>	33.35% [5]	<u>\$ 172.265</u>
17				
18	Corporate aviation and aerial patrol return on DEBS assets	\$ 1,108 [3]		
19	Catawba reimbursement allocation rate	11.0630% [4]		
20	Non-ownership in Catawba plant	80.7540% [4]		
21	Costs reimbursed by Catawba Joint Owners (L18 x L19 x L30)	<u>\$ 99</u>		
22	Total less Catawba reimbursement (L18 - L21)	<u>\$ 1,009</u>		
23				
24	Percentage of aerial patrol O&M expenses compared to total	20.5300% [1]		
25	Return expense considered a cost of aerial patrol (L22 x L24)	<u>\$ 207</u>		
26				
27	Return expense less portion considered a cost of aerial patrol (L22 - L25)	<u>\$ 802</u>	33.35% [6]	<u>\$ 267.311</u>
28				
29	Corporate aviation O&M, depreciation and return expense (L5 + L16 + L27)			\$ 6,372
30	Percentage of corporate aviation expenses to be excluded from test period			50.00% [2]
31	Corporate aviation O&M, depreciation expense, and return to be excluded from test period (L29 x L30)			<u>\$ 3,186.170</u>

[1] SC2090-3 Expenses - Duke Energy Carolinas - Corporate Aviation & Aerial Patrol Operating Expenses - 12 Months Ended December 31, 2022, Lines 3 and 19

[2] 50% based on equal sharing between shareholders and customers

[3] SC2090-4 Depr - Duke Energy - Corporate Aviation and Aerial Patrol Depreciation and Return Expense, Lines 40 + 102

[4] SC2050-3 Analysis of Total Labor \$ - Catawba

[5] SC2090-4 Depr - Depreciation Expense factor

[6] SC2090-5 ROR Allocation - 2021 Service Company Cost Allocations in Service Agreements - Facilities Rate of Return allocation factor

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Duke Energy Carolinas - Corporate Aviation & Aerial Patrol Operating Expenses - 12 Months Ended December 31, 2022 [1]

Line No.	Account Description	Total Company	Total Duke Energy Carolinas
1			
2	<u>Corporate Aviation General Taxes</u>		
3	0408960 Allocated Payroll Taxes	\$ 296	\$ 99
4			
5	<u>Corporate Aviation O&M Expenses</u>		
6	0920000 A & G Salaries	\$ 5,396 a	\$ 1,799 a
7	0921100 Employee Expenses	682 a	227 a
8	0921200 Office Expenses	8,098 a	2,701 a
9	0921400 Computer Services Expenses	7 a	2 a
10	0921600 Other	3 a	1 a
11	0923000 Outside Services Employed	2,084 a	695 a
12	0924000 Property Insurance	267 a	89 a
13	0926600 Employee Benefits-Transferred	994 a	331 a
14	0930240 Director's Expenses	- a	- a
15	0930250 Buy/Sell Transfer Employees Homes	297 a	99 a
16	0930940 General Expenses	0	0
17	0417000 Misc. Revenue	(268)	(89)
18	0931001 Rents - A&G	229 a	76 a
19	Sub-total (Sum L6 through L18)	\$ 17,789	\$5,933
20			
21	Accounts in A&G reimbursement calculation (Sum of a)	\$ 18,057 a	\$ 6,022 a
22	Catawba reimbursement allocation rate	11.0630% [2]	11.0630% [2]
23	Non-ownership percentage in Catawba plant	80.7540% [2]	80.7540% [2]
24	Costs reimbursed by Catawba Joint Owners (L21 x L22 x L23)	1,613	538
25	Total less Catawba reimbursement (L19 - L24)	\$ 16,176	\$ 5,395
26			
27	<u>Aerial Patrol O&M Expenses</u>		
28	0517000 Supervsn and Engrnging-Nuc Oper	\$ -	
29	0520000 Steam Expenses - Nuc Oper	-	
30	0523000 Electric Expenses	-	
31	0524000 Misc Expenses - Nuc Oper	-	
32	0535000 Supervsn and Engrnging-Hydro Oper	\$ 10	
33	0563000 Overhead Line Expenses-Trans	3,497	
34	0571000 Maint Of Overhead Lines-Trans	-	
35	0593000 Maint Of Overhead Lines-Other-Dist	73	
36	0863000 Transm-Maint of Mains	593	
37	0923000 Outside Services Employed	500 b	
38	0930940 General Expenses	- b	
39	Sub-total (Sum L28 through L38)	\$ 4,673	
40			
41	Accounts included in A&G reimbursement calculation (Sum of b)	\$ 500 b	
42	Catawba reimbursement allocation rate	11.0630% [2]	
43	Non-ownership percentage in Catawba plant	80.7540% [2]	
44	Costs reimbursed by Catawba Joint Owners (L41 x L42 x L43)	45	
45	Total less Catawba reimbursement (L39 - L44)	\$ 4,628	
46			
41	Total corporate aviation & aerial patrol operating expenses (L3 + L19 + L39)	\$ 22,758	
42			
43	Percentage of aerial patrol O&M expenses compared to total (L39/L41)	20.5300%	

Source: Duke Energy Service Company Financial Accounting & Reporting
Note: Totals may not foot due to rounding

[1] Duke Energy Service Company Financial Accounting & Reporting
[2] SC2050-3 Analysis of Total Labor \$ - Catawba

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Duke Energy - Corporate Aviation and Aerial Patrol Depreciation and Return Expense

Line No.	Asset	Asset ID	Project ID	Nov 2021	Dec 2021	Jan 2022	Feb 2022	Mar 2022	Apr 2022	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Dec 2022
1																	
2																	
3	Challenger	525944417	AVCA14001														\$ 14,113
4	Helicopter	487987701	AVCA12004														12,137
5	Helicopter	298595561	AV2012001														1,994
6	Helicopter	488584767	AVCA13002														989
7	Helicopter	299001178	AVCA12002														2,126
10	Helicopter	1326224140	NAC210818														3,635
11	Total			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 34,993
12	Depr Exp					\$ -	\$ -	\$ -	\$ -	\$ -							

Ended Dec 31, 2021	Ended Dec 31, 2022
Total DEBS Assets Used in Return Calculation	\$ 584,719
Total Aviation Assets (L11)	37,979
% of Aviation Assets to DEBS Assets for Return (L17 / L16)	6.4953%
Total Duke Energy Carolinas Return for test period	17,051
Estimated Annual Return applicable to Aviation Assets (L18 x L17)	1,108

Source: Duke Energy Service Company Financial Accounting & Reporting

[illegible]

Source: Duke Energy Service Company Financial Accounting & Reporting

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		Value 12/21	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Value 12/22
39															
40	Aircraft Hanger	71.46	14.29	14.29	14.29	14.29	0.07	-	-	-	-	-	-	-	14.29
41	Aircraft Hanger	336593CAM	2.69	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	1.86
42	Aircraft Hanger	AV150058	5.97	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	5.66
43	Aircraft Hanger	AVCA14003	7.20	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	6.94
44	Aircraft Hanger	AVIBLKT	5.00	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	3.69
45	Aircraft Hanger	INTCOMREP	(0.00)	-	-	-	-	-	-	-	-	-	-	-	(0.00)
46	Aircraft Hanger	KB00649	8.51	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	7.77
47	Aircraft Hanger	NAC160053	37.28	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	31.15
48	Aircraft Hanger	NAC170069	1.88	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	-	0.16
49	Aircraft Hanger	NAC170080	7.25	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	-	-	0.73
50	Aircraft Hanger	NAC170089	102.48	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	7.32	14.64
51	Aircraft Hanger	NAC180058	137.77	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	104.03
52	Aircraft Hanger	NAC19000	160.11	2.62	2.62	2.62	2.62	2.62	2.62	2.62	2.62	2.62	2.62	2.62	128.62
53	Aircraft Hanger	NAC190104	9.94	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	8.60
54	Aircraft Hanger	NAC200091	235.83	3.23	3.23	3.23	3.23	3.23	3.23	3.23	3.23	3.23	3.23	3.23	197.06
55	Aircraft Hanger	NCF120305	0.90	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	-	-	0.08
56	Aircraft Hanger	NCF120367	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17
57	Aircraft Hanger	NCP110527	57.68	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	53.90
58	Aircraft Hanger	NCP120147	22.44	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	21.05
59	Aircraft Hanger	NCP120362	226.32	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	213.07
60	Aircraft Hanger	NCP120392	58.33	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	54.70
61	Aircraft Hanger	NCP130218	57.82	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	53.38
62	Aircraft Hanger	NCP140560	12.92	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	12.20
63	Aircraft Hanger	NCT086266	4.99	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	4.04
64	Aircraft Hanger	NCT100204	24.83	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	23.74
65	Aircraft Hanger	NCT100642	7.40	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	7.09
66	Aircraft Hanger	NCT100656	5.23	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	5.01
67	Aircraft Hanger	NCT160090	104.62	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	99.28
68	Aircraft Hanger	NCT160310	70.49	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	66.98
69	Aircraft Hanger	NCT170117	350.99	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82	317.12
70	Aircraft Hanger	NCT170165	1,248.95	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	1,188.95
71	Aircraft Hanger	NCT200025	56.64	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	54.43
72	Aircraft Hanger	NCT274907	1.28	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.69
73	Aircraft Hanger	NCT299531	3.56	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	2.89
74	Aircraft Hanger	NCT318388	2.81	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	2.67
75	Aircraft Hanger	NCT397038	7.06	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	6.72
76	Aircraft Hanger	NCW210715	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
77	Aircraft Hanger	NCW210764	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
78	Aircraft Hanger	NET180018	0.47	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.14
79	Aircraft Hanger	NET190279	21.52	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	18.74
80	Aircraft Hanger	NWF150029	4.92	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	3.51
81	Aircraft Hanger	NWP130034	14.08	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	13.28
82	Aircraft Hanger	NWP140238	28.82	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	27.22
83	Aircraft Hanger	NWP140250	104.47	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	98.72
84	Aircraft Hanger	NWP140775	79.74	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	75.63
85	Aircraft Hanger	TC2100007	11.28	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	10.50
86	Aircraft Hanger	WLAPEOL	48.67	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95	25.31
87															
88	Net Book Value	\$	3,431												\$ 2,987
89	Depreciation Expense			\$ 47	\$ 47	\$ 47	\$ 47	\$ 32	\$ 32	\$ 32	\$ 32	\$ 32	\$ 32	\$ 32	\$ 444
90															
91															
92															
93															
94															

Source: Duke Energy Service Company Financial Accounting & Reporting

DEC Allocation 33.35%

DEC Depr Aviation \$ 148

NBV Aviation assets at 12/31/22 \$ 2,987

DUKE ENERGY CAROLINAS, LLC
Docket No. 2023-388-E
Adjust Aviation Expenses
For the Test Period Ending December 31, 2022

Application
SC2090-5 ROR Allocation
Page 1 of 1

2022 Service Company Cost Allocations in Service Agreements - Depreciation Expense and Facilities Rate of Return Factors

SERVICE COMPANY COST ALLOCATION DETAILS COST ALLOCATIONS IN SERVICE AGREEMENTS												
SA #	Function	Function	Allocation Method	Operating Unit	Function	OU Description	Allocation Pool	Alloc Pool	St Cd	DPC 20056 Duke Power Governance	DEP 50991 DE Progress	DEF 50992 Progress Florida
Fac ROR	Facilities Rate of Return Allocation	Allocates the Service Company's portion of	Three Factor Formula	DURR	Facilities Rate of	Facilities ROR Gvrnce	GOVEMPROR	Facilities ROR Gvrnce	DG1	33.35%	22.50%	17.28%

Source: Duke Energy Service Company Financial Accounting & Reporting

DUKE ENERGY CAROLINAS, LLC
Docket No. 2023-388-E
Levelize nuclear refueling outage costs
For the Test Period Ending December 31, 2022

Application
SC2100 Narrative

Detailed Narrative Explanation of Adjustment

This pro forma adjusts operation and maintenance expense and income taxes to levelize nuclear refueling outage costs based on the most recent outage.

The impact to operation and maintenance expenses was determined by subtracting annualized outage amortization expense from test period outage expense.

The impact to income taxes was determined by multiplying taxable income by the statutory tax rate.

DUKE ENERGY CAROLINAS, LLC
Docket No. 2023-388-E
Levelize nuclear refueling outage costs
For the Test Period Ending December 31, 2022
(Dollars in thousands)

Application
SC2100 Summary
Page 1 of 1

Line No	Impacted Income Statement Line Items	Source	Total SC Retail Application
1	Sales of Electricity		
2	Other Revenue		
3	Electric operating revenue (L1+L2)		\$ -
4			
5	<u>Electric operating expenses:</u>		
6	Operation and maintenance:		
7	Fuel used in electric generation		
8	Purchased power		
9	Other operation and maintenance expense	SC2100-1	\$ 2,271
10	Depreciation and amortization		
11	General taxes		
12	Interest on customer deposits		
13	EDIT Amortization		
14	Net income taxes	SC2100-1	\$ (567)
15	Amortization of investment tax credit		
16	Total electric operating expenses (sum(L7:L15))		\$ 1,704
17			
18	Operating income (L3-L16)		\$ (1,704)
19	<u>Rate Base</u>	Source	Total SC Retail Application
20	Electric plant in service		\$ -
21	Accumulated depreciation and amortization		\$ -
22	Net electric plant in service (L20 + L21)		\$ -
23	Construction Work in Progress		\$ -
24	Plant Held for Future Use		\$ -
25	Materials and supplies		\$ -
26	Total Working Capital		\$ -
27	Accumulated deferred income taxes		\$ -
28	Operating reserves		\$ -
29	Total Rate Base (sum L22:L28)		\$ -

DUKE ENERGY CAROLINAS, LLC
Docket No. 2023-388-E
Levelize nuclear refueling outage costs
For the Test Period Ending December 31, 2022
(Dollars in thousands)

Application
SC2100-1 Calculation
Page 1 of 1

Line No.	Description	Total SC Retail
1		
2	<u>SC Monthly Amortization of Outage Deferral - Last Known and Measurable Outage:</u>	<u>Monthly</u> [1]
3	McGuire Unit 1	\$ 366
4	McGuire Unit 2	369
5	Catawba Unit 1	83
6	Catawba Unit 2	68
7	Oconee Unit 1	307
8	Oconee Unit 2	253
9	Oconee Unit 3	309
10	Total Monthly Amortization Expense (Sum L3 through L9)	\$ 1,756
11		
12		
13		
14	<u>SC Annualized Amortization Expense Based on Last Known and Measurable Outage:</u>	<u>Annual</u>
15	McGuire Unit 1 (L3 x 12)	\$ 4,395
16	McGuire Unit 2 (L4 x 12)	4,433
17	Catawba Unit 1 (L5 x 12)	999
18	Catawba Unit 2 (L6 x 12)	813
17	Oconee Unit 1 (L7 x 12)	3,683
18	Oconee Unit 2 (L8 x 12)	3,041
19	Oconee Unit 2 (L9 x 12)	3,710
20	Total Annual Amortization Expense (Sum L15 through L19)	\$ 21,073
21		
22		
23	Annualized SC Outage Amortization Expense (L20)	\$ 21,073
24	Test Year Amortization of Outage Deferral	18,802 [2]
25	Impact to O&M (L23 - L24)	\$ 2,271
26		
27	Statutory tax rate	24.9500% [3]
28		
29	Impact to income taxes (-L25 x L27)	\$ (567)
30		
31	Impact to operating income (-L25 - L29)	\$ (1,704)

[1] Information provided by Duke Energy Carolinas Accounting and Reporting

[2] SC2100-2 Deferral, Total

[3] SC1010-4 Tax Rate - 2023 Calculation of Tax Rates, Line 10

Note: Totals may not foot due to rounding

DUKE ENERGY CAROLINAS, LLC
Docket No. 2023-388-E
Levelize nuclear refueling outage costs
For the Test Period Ending December 31, 2022
(Dollars in thousands)

Application
SC2100-2 Deferral
Page 1 of 1

SC Amortization of Outage Deferral - For the Test Period Ending December 31, 2022

Line														
<u>No.</u>	<u>Description</u>	<u>Total</u>	<u>Jan-22</u>	<u>Feb-22</u>	<u>Mar-22</u>	<u>Apr-22</u>	<u>May-22</u>	<u>Jun-22</u>	<u>Jul-22</u>	<u>Aug-22</u>	<u>Sep-22</u>	<u>Oct-22</u>	<u>Nov-22</u>	<u>Dec-22</u>
1	McGuire Unit 1	\$ 3,773	\$ 315	\$ 315	\$ 315	\$ 315	\$ 315	\$ -	\$ 366	\$ 366	\$ 366	\$ 366	\$ 366	\$ 366
2	McGuire Unit 2	4,512	376	376	376	376	376	376	376	376	376	376	376	376
3	Catawba Unit 1	573	102	43	43	43	43	43	43	43	43	43	43	43
4	Catawba Unit 2	1,130	97	97	97	97	97	97	97	97	97	97	97	68
5	Oconee Unit 1	3,056	255	255	255	255	255	255	255	255	255	255	255	255
6	Oconee Unit 2	2,787	-	253	253	253	253	253	253	253	253	253	253	253
7	Oconee Unit 3	2,970	186	186	186	186	186	186	309	309	309	309	309	309
8	Total	<u>\$ 18,802</u>	<u>\$ 1,331</u>	<u>\$ 1,524</u>	<u>\$ 1,524</u>	<u>\$ 1,524</u>	<u>\$ 1,524</u>	<u>\$ 1,209</u>	<u>\$ 1,699</u>	<u>\$ 1,699</u>	<u>\$ 1,699</u>	<u>\$ 1,699</u>	<u>\$ 1,699</u>	<u>\$ 1,670</u>

[1] Information provided by Duke Energy Carolinas Accounting

DUKE ENERGY CAROLINAS, LLC
Docket No. 2023-388-E
Adjust Reserve for End of Life Nuclear Costs
For the Test Period Ending December 31, 2022

Application
SC2120 Narrative

Detailed Narrative Explanation of Adjustment

This proforma establishes the reserve balance for end of life nuclear fuel costs and nuclear materials and supplies costs.

Nuclear Fuel

The cost of the last nuclear fuel core is not captured in the costs of decommissioning and is not expected to have any salvage value. As this last core of nuclear fuel would benefit the customers served prior to the end of life of the nuclear plant, a reserve is accrued so that there is a better matching of cost and benefit for ratemaking purposes. The annual amortization expense adjustment is determined by dividing the current projected remaining value of the last core of nuclear fuel at the end of life of each unit by the number of years remaining in the unit's life less the amount of amortization in the test period.

Nuclear Materials and Supplies

Similar to the discussion above for the final nuclear fuel core, the Company accrues a reserve for end of life nuclear materials and supplies (M&S). The nuclear M&S inventory will have little or no salvage value at the time of decommissioning. The annual amortization expense adjustment was determined by dividing the projected inventory balance at the end of life of each unit by the number of years remaining in the unit's life less the amount of amortization in the test period. Duke Energy Progress assumed in its computations that the current period balance of nuclear M&S would be the projected inventory balance at the end of life of each unit.

The impact to income taxes is determined by multiplying taxable income by the statutory tax rate.

DUKE ENERGY CAROLINAS, LLC
Docket No. 2023-388-E
Adjust Reserve for End of Life Nuclear Costs
For the Test Period Ending December 31, 2022
(Dollars in thousands)

Application
SC2120 Summary
Page 1 of 1

Line No	Impacted Income Statement Line Items	Source	Total SC Retail Application
1	Sales of Electricity		
2	Other Revenue		
3	Electric operating revenue (L1+L2)		\$ -
4			
5	<u>Electric operating expenses:</u>		
6	Operation and maintenance:		
7	Fuel used in electric generation		
8	Purchased power		
9	Other operation and maintenance expense		
10	Depreciation and amortization	SC2120-1	\$ 4,721
11	General taxes		
12	Interest on customer deposits		
13	EDIT Amortization		
14	Net income taxes	SC2120-1	\$ (1,178)
15	Amortization of investment tax credit		
16	Total electric operating expenses (sum(L7:L15))		\$ 3,543
17			
18	Operating income (L3-L16)		\$ (3,543)
19	<u>Rate Base</u>	Source	Total SC Retail Application
20	Electric plant in service		\$ -
21	Accumulated depreciation and amortization		\$ -
22	Net electric plant in service (L20 + L21)		\$ -
23	Construction Work in Progress		\$ -
24	Plant held for future use		\$ -
25	Materials and supplies		\$ -
26	Total Working Capital		\$ -
27	Accumulated deferred income taxes		\$ -
28	Operating reserves		\$ -
29	Total Rate Base (sum L22:L28)		\$ -

DUKE ENERGY CAROLINAS, LLC
Docket No. 2023-388-E
Adjust Reserve for End of Life Nuclear Costs
For the Test Period Ending December 31, 2022
(Dollars in thousands)

Application
SC2120-1 Calculation
Page 1 of 1

Line No.	Description	Total SC Retail
1	<u>Impact to Income Statement Line Items</u>	
2	Adjustment for end of life reserve for nuclear fuel	\$ 2,345 [1]
3	Adjustment for end of life reserve for nuclear materials and supplies	2,376 [2]
4	Impact to depreciation and amortization (L2 + L3)	<u>\$ 4,721</u>
5		
6	Statutory tax rate	24.9500% [3]
7	Impact to income taxes (-L4 x L6)	<u>\$ (1,178)</u>
8	Impact to operating income (-L4 - L7)	<u>\$ (3,543)</u>
9		
10	<u>Impact to Rate Base Line Items</u>	
11	End of Life Nuclear Reserve (-L4)	(4,721)
12		
13	ADIT Rate	24.9500%
14	ADIT (-L11 * L13)	1,178
15		
16	Impact to Rate Base	<u>(3,543)</u>

[1] SC2120-2 Nuclear Fuel - Adjustment for End of Life Reserve for Nuclear Fuel, Line 34

[2] SC2120-3 M&S - Adjustment for End of Life Reserve for Nuclear Materials and Supplies, Line 24

[3] SC1010-4 Tax Rate - 2022 Calculation of Tax Rates, Line 10

Application
SC2120-2 Nuclear Fuel
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DUKE ENERGY CAROLINAS, LLC
Docket No. 2023-388-E
Adjust Reserve for End of Life Nuclear Costs
For the Test Period Ending December 31, 2022
(Dollars in thousands)

Adjustment for End of Life Reserve for Nuclear Fuel

Line No.	Description	CNS1	CNS2	MNS1	MNS2	ONS1	ONS2	ONS3	Total	
1										
2	Projection of core's end-of cycle value	\$ 82,965	\$ 81,718	\$ 84,179	\$ 82,670	\$ 79,211	\$ 74,552	\$ 78,440	\$ 563,735	[1]
3	as of date	4/25/2041	9/5/2040	9/4/2041	3/13/2041	10/19/2040	9/27/2039	3/28/2040		[1]
4	Joint ownership share of core's end-of-cycle value	80.754%	80.754%							[2]
5	Core's end-of-cycle value net of joint ownership estimate (L2 - (L2 x L4))	\$ 15,967	\$ 15,728	\$ 84,179	\$ 82,670	\$ 79,211	\$ 74,552	\$ 78,440	\$ 430,747	
4	Final refueling cycle months	12	12	12	12	18	18	18		[3]
5	Normal refueling cycle months	18	18	18	18	24	24	24		[3]
6	Adjustment ratio for shorter last cycle (L4/L5)	66.67%	66.67%	66.67%	66.67%	75.00%	75.00%	75.00%		
7										
8	Adjustment ratio for last cycle loading & operating efficiencies	75.00%	75.00%	75.00%	75.00%	75.00%	75.00%	75.00%		[3]
9										
10	Adjusted end of cycle value (L5 x L6 x L8)	\$ 7,984	\$ 7,864	\$ 42,090	\$ 41,335	\$ 44,556	\$ 41,936	\$ 44,122	\$ 229,887	
11	Projected decommissioning date of plant	12/5/2063	12/5/2063	6/12/2061	3/3/2063	2/6/2053	10/6/2053	7/19/2054		[3]
12	Nuclear fuel annual escalation rate (applies to post forecast period)	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%		
13	Adjusted end of cycle value, escalated to decommissioning date									
14	(L10 x (1 + L12) ^ ((L11 - L3) / 365.25 days))	\$ 12,494	\$ 12,462	\$ 62,259	\$ 63,867	\$ 56,846	\$ 55,362	\$ 58,574	\$ 321,864	
15										
16	SC Retail Allocation Factor - All - MWHs at Generation	23.8697%	23.8697%	23.8697%	23.8697%	23.8697%	23.8697%	23.8697%		[4]
17	Adjusted end of cycle value, escalated to decommissioning date - SC Retail (L14 x L16)	\$ 2,982	\$ 2,975	\$ 14,861	\$ 15,245	\$ 13,569	\$ 13,215	\$ 13,981	\$ 76,828	
18										
19	Date new rates effective	8/1/2024	8/1/2024	8/1/2024	8/1/2024	8/1/2024	8/1/2024	8/1/2024		
20	Years of remaining plant life (L11 - L19 / 365.25 days)	39	39	37	39	29	29	30		
21	Annual expense for reserve required at new rates effective date - SC Retail (L17 / L20)	\$ 76	\$ 76	\$ 403	\$ 395	\$ 476	\$ 453	\$ 467	\$ 2,345	

[1] Information provided by Duke Energy Nuclear Fuel Supply

[2] SC2050-3 Analysis of Total Labor \$ - Catawba

[3] Information provided by Duke Energy Nuclear Engineering

[4] SC Retail Allocation Factor - All - MWHs at Generation - Jur

Note: some totals may not foot or compute due to rounding.

DUKE ENERGY CAROLINAS, LLC
Docket No. 2023-388-E
Adjust Reserve for End of Life Nuclear Costs
For the Test Period Ending December 31, 2022
(Dollars in thousands)

Adjustment for End of Life Reserve for Nuclear Materials and Supplies

Line No.	Description	McGuire	Oconee	Catawba	Total	
1	Impact to Income Statement Line Items					
2	Nuclear M&S inventory as of December 31, 2022 - Total System	\$ 145,376	\$ 172,246	\$ 162,756	\$ 480,379	[1]
3	Catawba contra	\$ -	\$ -	\$ (132,091)	\$ (132,091)	
4	End of life inventory value net of joint ownership estimate (L2 + L3)	\$ 145,376	\$ 172,246	\$ 30,665	\$ 348,288	
5						
6	SC Retail Allocation Factor - All Production Demand	23.0754%	23.0754%	23.0754%	23.0754%	[2]
7	Nuclear M&S inventory base for amortization - SC Retail (L4 x L6)	\$ 33,546	\$ 39,747	\$ 7,076	\$ 80,369	
8						
9	Projected decommissioning date of plant	3/3/2063	7/19/2054	12/5/2063		[3]
10	Date new rates effective	8/1/2024	8/1/2024	8/1/2024		[4]
11	Years of remaining plant life ((L9 - L10) / 365.25 days)	39	30	39		
12						
13	Annual expense for reserve required at rates effective date - SC Retail (L7 / L11)	\$ 870	\$ 1,327	\$ 180	\$ 2,376	

[1] Duke Energy Progress, Inventory by Function

[2] SC Retail Allocation Factor - All - Production Demand - Jur

[3] SC2120-2 Nuclear Fuel - Adjustment for End of Life Reserve for Nuclear Fuel, Line 11

[4] SC2120-2 Nuclear Fuel - Adjustment for End of Life Reserve for Nuclear Fuel, Line 19

Note: some totals may not foot or compute due to rounding.

DUKE ENERGY CAROLINAS, LLC
Docket No. 2023-388-E
Adjust test year rent expense
For the Test Period Ending December 31, 2022

Application
SC2150 Narrative

Detailed Narrative Explanation of Adjustment

During 2022 and 2023, the Company exited 526 S. Church Street, 401 S. College Street, 400 S Tryon Street, 550 South Tryon Street and Piedmont TownCenter buildings and transitioned to the Duke Energy Plaza building in 2023.

The pro forma adjustments replace the Test Period amounts for rent revenue, DEBS rent expense, and property insurance related to 526 S. Church and 401 S. College Street with inter-company rent revenue, DEBS rent expense, and property insurance related to the Duke Energy Plaza.

1. The rent expense allocated to DEC from DEBS for the Charlotte real estate portfolio (rent and overhead loaders) during the test period and on a prospective basis was obtained from Service Company Accounting.
2. The percentage of electric operation and maintenance expense to apply to the overhead loaders portion is pulled from SC2050.
3. The adjustment to rent expense is calculated by comparing test period and prospective amounts.
4. The prospective rent revenue as of September 30, 2023 is subtracted from rent revenue during the test year.
5. Prospective property insurance as of September 30, 2023 is subtracted from property insurance during the test year.
6. The impact to income taxes was determined by multiplying taxable income by the statutory tax rate.

DUKE ENERGY CAROLINAS, LLC
Docket No. 2023-388-E
Adjust test year rent expense
For the Test Period Ending December 31, 2022
(Dollars in thousands)

Application
SC2150 Summary
Page 1 of 1

Line No	<u>Impacted Income Statement Line Items</u>	Source	Total SC Retail Application
1	Sales of Electricity		
2	Other Revenue	SC2150-1	10,157
3	Electric operating revenue (L1+L2)		\$ 10,157
4			
5	<u>Electric operating expenses:</u>		
6	Operation and maintenance:		
7	Fuel used in electric generation		
8	Purchased power		
9	Other operation and maintenance expense	SC2150-1	\$ 1,587
10	Depreciation and amortization		
11	General taxes		
12	Interest on customer deposits		
13	EDIT Amortization		
14	Net income taxes	SC2150-1	\$ 2,138
15	Amortization of investment tax credit		
16	Total electric operating expenses (Sum L7:L15)		\$ 3,725
17			
18	Operating income (L3-L16)		\$ 6,432
19	<u>Rate Base</u>	Source	Total SC Retail Application
20	Electric plant in service		
21	Accumulated depreciation and amortization		
22	Net electric plant in service (L20 + L21)		
23	Construction Work in Progress		
24	Plant Held for Future Use		
25	Materials and supplies		
26	Total Working Capital		
27	Accumulated deferred income taxes		
28	Operating reserves		
29	Total Rate Base (Sum L22:L28)		\$ -

DUKE ENERGY CAROLINAS, LLC
Docket No. 2023-388-E
Adjust test year rent expense
For the Test Period Ending December 31, 2022
(Dollars in thousands)

Application
SC2150-1 Calculation
Page 1 of 1

Adjust test period for exiting older buildings and adding DE Plaza

Line No.	Description	Total System	SC Retail Allocation [4]	Total SC Retail
1	<u>Impact to Income Statement Line Items</u>			
2	Estimated increase in rent revenue.	\$ 41,764 [1]	24.3191%	\$ 10,157
3				
3	Increased rent expense allocated from DEBS	\$ 6,498 [2]	24.3191%	\$ 1,580
4				
5	Increased property insurance	27 [3]	24.3191%	7
6				
7	Impact to operations and maintenance expense (L3 + L5)	\$ 6,525		\$ 1,587
8				
9	Impact to operating income before taxes (L2 - L7)	\$ 35,238		\$ 8,570
10				
11	Statutory tax rate	24.9500%		24.9500%
12				
13	Impact to income taxes (L9 * L11)	\$ 8,792		\$ 2,138
14				
15	Impact to operating income after taxes (L9-L13)	\$ 26,446		\$ 6,432

- [1] SC2150-2 Rent Revenue
[2] SC2150-3 DEBS Rent Expense
[3] SC2150-4 Property Insurance
[4] DEC SC Retail Allocation - All - Labor - Jur

DUKE ENERGY CAROLINAS, LLC
Docket No. 2023-388-E
Adjust test year rent expense
For the Test Period Ending December 31, 2022
(Dollars in thousands)

Application
SC2150-2 Rent Revenue
Page 1 of 1

Adjust test period DEC Inter- Company and Parking revenue

Line No.	Description	2022 [1]	Pro Forma [1]	Adjustment
1	DEBS - 526 S. Church and 401 S. College	\$ 9,156	\$ -	\$ (9,156)
2	DEBS - DE Plaza	-	44,103	44,103
3	Piedmont - DE Plaza	-	5,113	5,113
4	Comm Enterprise - DE Plaza	-	229	229
5	DE Florida - DE Plaza	-	104	104
6	DE Indiana - DE Plaza	-	166	166
7	DE Progress - DE Plaza	-	1,205	1,205
8	Total DEC Inter-Company Rent Revenue (Sum L1 : L7)	\$ 9,156	\$ 50,920	\$ 41,764
9	Estimated increase in rent revenue.	\$ 9,156	\$ 50,920	\$ 41,764

[1] Per service company accounting

[2] DEC inter-company rent revenue is charged to account 0454105

DUKE ENERGY CAROLINAS, LLC
Docket No. 2023-388-E
Adjust test year rent expense
For the Test Period Ending December 31, 2022
(Dollars in thousands)

Application
SC2150-3 DEBS Rent Expense
Page 1 of 1

Adjust DEBS test period rent expense charged to DEC

Line No.	Description	DEBS Expense Acct 0931001 2022 [1]	DEBS OH Loader Acct 0930200 2022 [1]	DEBS Net Expense 2022	2022 OU DERE DEC Allocation [3]	DEC Direct Net Rent Expense 2022	DEBS Expense Acct 0931001 Pro Forma [1]	DEBS OH Loader Acct 0930200 Pro Forma	DEBS Net Expense Pro Forma	OU DERE DEC Allocation [3]	DEC Direct Net Rent Expense Pro Forma
1	DEBS Rent Expense - Net of O&M Loaders										
2	400 South Tryon	\$ 12,800	\$ (8,576)	\$ 4,224	40.54%	\$ 1,712	\$ -	\$ -	\$ -	42.58%	\$ -
3	526 S. Church and 401 S. College	9,156	(6,135)	3,022	40.54%	1,225	-	-	-	42.58%	-
4	550 South Tryon	24	(16)	8	40.54%	3	-	-	-	42.58%	-
5	Piedmont Town Center	2,226	(1,491)	734	40.54%	298	-	-	-	42.58%	-
6	Duke Energy Plaza	-	-	-	40.54%	-	44,103	(29,549)	14,554	42.58%	6,197
7	Charlotte Rent Expense (Sum L2 : L6)	\$ 24,206	\$ (16,218)	\$ 7,988		\$ 3,238	\$ 44,103	\$ (29,549)	\$ 14,554		\$ 6,197
8											
9											
10											
11											
12	DEBS Rent Expense - OH Loaders Charged to O&M										
13	400 South Tryon			\$ 8,576	40.54%	\$ 3,477			\$ -	42.58%	\$ -
14	526 S. Church, 401 S. College and Charlotte Cust Call Center			6,135	40.54%	2,487			-	42.58%	-
15	550 South Tryon			16	40.54%	7			-	42.58%	-
16	Piedmont Town Center			1,491	40.54%	605			-	42.58%	-
17	Duke Energy Plaza			-	40.54%	-			29,549	42.58%	12,582
18	Charlotte Rent Expense (Sum L13 : L17)			\$ 16,218		\$ 6,575			\$ 29,549		\$ 12,582
19											
20	Percent of incurred labor costs charged to electric expense					58.92% [2]					58.92% [2]
21											
22	Estimated amount of rent expense allocated to DEC O&M as a labor overhead (L18 x L20)					\$ 3,874					\$ 7,413
23											
24	Estimated amount of Charlotte rent expense (L7 + L22)					\$ 7,112					\$ 13,610
25											
26	Rent expense from DEBS allocation adjustment										\$ 6,498

[1] Per service company accounting

[2] SC2050-1 Normalize O&M labor expenses- DEC

[3] SC2150-5 - CAM (Service Company Cost Allocation Details)

DUKE ENERGY CAROLINAS, LLC
Docket No. 2023-388-E
Adjust test year rent expense
For the Test Period Ending December 31, 2022
(Dollars in thousands)

Application
SC2150-4 Property Insurance
Page 1 of 1

Adjust test period DEC Property Insurance

Line No.	Description							
1	<u>2022 Insurance Premiums</u>	<u>526 S. Church</u>	<u>401 S. College</u>	<u>Mint St. Garage</u>	<u>DE Plaza</u>		<u>Total</u>	
2	DEBS	\$ 0	\$ 36	\$ 4	\$ -			
3	DEC	38	-	-				
4	Total Insurance Premium (L2 + L3)	\$ 38 [1]	\$ 36 [1]	\$ 4 [1]	\$ - [1]			
5								
6	DEC Allocation Factor (DGAC)	33.35% [2]	33.35% [2]	33.35% [2]	33.35% [2]			
7								
8	2022 Property Insurance Premium charged to DEC	\$ 38	\$ 12	\$ 1	\$ -		\$ 51	
9								
10	<u>Pro Forma Insurance Premiums</u>	<u>526 S. Church</u>	<u>401 S. College</u>	<u>Mint St. Garage</u>	<u>DE Plaza</u>			
11	DEBS	\$ -	\$ -	\$ -	\$ -			
12	DECS	-	-	-	78			
13	Total Insurance Premium	\$ -	\$ -	\$ -	\$ 78 [1]			
14								
15	DEC Allocation Factor (DGAC)	33.48% [3]	33.48% [3]	33.48% [3]	33.48% [3]			
16								
17	Pro Forma Insurance Premium charged to DEC	\$ -	\$ -	\$ -	\$ 78		\$ 78	
18								
19	Estimated adjustment to property insurance	\$ (38)	\$ (12)	\$ (1)	\$ 78		\$ 27	

[1] Per Insurance Department

[2] Per SC2150-5 CAM for 2022 DGAC

[3] Per SC2150-5 CAM for 2023 DGAC

DUKE ENERGY CAROLINAS, LLC
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Adjust test year rent expense
For the Test Period Ending December 31, 2022

Application
SC2150-5 CAM
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Service Company Cost Allocation Details

Line
No. Description Total DEC
1
2 2022 CAM - DERE 40.54%

2022 SERVICE COMPANY COST ALLOCATION DETAILS COST ALLOCATIONS IN SERVICE AGREEMENTS															
Function	Function Description	Allocation Method	Operating Unit (OU)	Function	OU Description	Allocation Pool	St Cd	Total DEC	Total DEP	Total DEF	DEI Total	DEK Total	DEO Total	Total Comm Trans-Elec	Total Electric Utilities
Facilities	Operates and maintains office and service buildings. Provides security and housekeeping services for such buildings and procures office furniture and equipment.	Square Footage Ratio	GORE	Facilities	RE Facility Svcs CLT GO	CLTSQFFAC	S27	48.62	33.97	0.67	0.34	-	0.03	-	83.63
			CNRE	Facilities	RE Fac Svcs - Cincinnati	CINSQFFAC	S50	18.49	12.92	-	9.45	-	10.27	-	51.13
			PLRE	Facilities	RE Fac Svcs - Plainfield	PLDSQFFAC	S51	13.30	9.30	1.24	72.57	-	-	-	96.41
			MWRE	Facilities	RE Facility Services MW Utility	UTMSQFFAC	S71	-	-	-	46.46	3.28	29.88	-	79.62
			DERE	Facilities	RE Facility Services Ent DE	DENT3FFAC	D39	40.54	28.33	13.31	5.07	-	0.37	-	87.62

2023 CAM - DERE 42.58%
2023 CAM - DGAC 33.48%

2023 SERVICE COMPANY COST ALLOCATION DETAILS COST ALLOCATIONS IN SERVICE AGREEMENTS															Total Comm	Total Electric Utilities
Function	Function Description		Operating Unit (OU)	Function	OU Description	Allocation Pool	St Cd	Total DEC	Total DEP	Total DEF	Total DEI	Total DEK	Total DEO	Trans-Elec		
Supply Chain - Provides services in connection with the procurement of materials and contract services, procures payments to vendors, and provides management of material and supplies inventories.	Procurement of materials and contract services and vendor payment processing.	Procurement Spending Ratio	DUSC	Materials Management	Matls Mgmt Sply Chn Util DE	DUTPROSPC	D19	36.03	18.57	19.67	9.76	0.95	2.52	0.01	87.71	
			DESC	Materials Management	Matls Mgmt Sply Chain Ent DE	DENTPROSPC	D08	33.83	17.50	18.66	9.16	0.89	2.37	0.01	82.42	
			UPPD	Materials Management	MW ELEC/GAS DELIVRY STOREROOM	UTBRCPSMM	S72	-	-	-	-	7.06	77.28	-	84.34	
	Management of materials and supplies inventory.	Inventory Ratio	UTIN	Materials Management	Matls Mgmt Inventory Util	UTINWSPC	S20	20.10	25.51	27.38	15.35	0.11	11.55	-	100.00	
Facilities	Operates and maintains office and service buildings. Provides security and housekeeping services for such buildings and procures office furniture and equipment.	Square Footage Ratio	GORE	Facilities	RE Facility Svcs CLT GO	CLTSQFFAC	S27	51.44	33.83	0.29	0.29	-	0.03	-	85.88	
			CNRE	Facilities	RE Fac Svcs - Cincinnati	CINSQFFAC	S50	16.19	10.65	0.89	8.28	-	9.45	-	45.46	
			PLRE	Facilities	RE Fac Svcs - Plainfield	PLDSQFFAC	S51	10.19	6.70	0.71	78.22	-	-	-	95.82	
			MWRE	Facilities	RE Facility Services MW Utility	UTMSQFFAC	S71	-	-	-	47.92	3.22	29.20	-	80.34	
			DERE	Facilities	RE Facility Services Ent DE	DENT3FFAC	D39	42.58	28.01	12.29	4.94	-	0.31	-	88.13	
Accounting	Maintains the books and records of Duke Energy Corporation and its affiliates, prepares financial and statistical reports, prepares tax filings and supervises compliance with the laws and regulations.	Three Factor Formula	DGAC	Accounting	Accounting Gvnce	DGOV3FFAC	D61	33.48	22.21	17.54	10.13	1.14	3.69	-	88.19	
			DGVP	Accounting	VSP - Governance DE	DGOV3FFVSP	D63	35.74	23.71	18.73	10.82	1.22	3.94	-	94.16	
			PGVP	Accounting	VSP - Governance	PRGV3FFVSP	PG3	-	55.82	44.18	-	-	-	-	100.00	
			DEAC	Accounting	Accounting Svcs Ent DE	DENT3FFAC	D03	33.48	22.22	17.54	10.13	1.14	3.69	-	88.20	
			UTAC	Accounting	Acctg Svcs Utility	UTB3FFAC	S09	34.64	22.96	18.15	10.49	1.19	3.82	-	91.25	
			UMAC	Accounting	Acctg Svcs Util MW F&G only	UTM3FFAC	SS3	-	-	-	60.00	6.69	21.48	-	88.17	

DUKE ENERGY CAROLINAS, LLC
Docket No. 2023-388-E
Adjust O&M for Reliability Assurance
For the Test Period Ending December 31, 2022

Application
SC2160 Narrative

Detailed Narrative Explanation of Adjustment

This proforma adjusts operation expense and income taxes for incremental O&M projects reliability assurance to guard against future impacts of severe weather events. The expense adjustment reflects a 3 year average expense level from 2024-2026 compared to the test year expense level.

The impact to income taxes is determined by multiplying taxable income by the statutory tax rate.

DUKE ENERGY CAROLINAS, LLC
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Adjust O&M for Reliability Assurance
For the Test Period Ending December 31, 2022
(Dollars in thousands)

Application
SC2160 Summary
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Line No	Impacted Income Statement Line Items	Source	Total SC Retail Application
1	Sales of Electricity		
2	Other Revenue		
3	Electric operating revenue (L1+L2)		\$ -
4			
5	<u>Electric operating expenses:</u>		
6			
7	Fuel used in electric generation		
8	Purchased power		
9	Other operation and maintenance expense	NC2130-1	\$ 2,048
10	Depreciation and amortization		
11	General taxes		
12	Interest on customer deposits		
13	EDIT Amortization		
14	Net income taxes	NC2130-1	(511)
15	Amortization of investment tax credit		
16	Total electric operating expenses (sum(L7:L15))		\$ 1,537
17			
18	Operating income (L3-L16)		\$ (1,537)
19	<u>Rate Base</u>	Source	Total SC Retail Application
20	Electric plant in service		\$ -
21	Accumulated depreciation and amortization		\$ -
22	Net electric plant in service (L20 + L21)		\$ -
23	Construction Work in Progress		\$ -
24	Plant Held for Future Use		
25	Materials and supplies		\$ -
26	Total Working Capital		\$ -
27	Accumulated deferred income taxes		\$ -
28	Operating reserves		\$ -
29	Total Rate Base (sum(L22:L28))		\$ -

DUKE ENERGY CAROLINAS, LLC
Docket No. 2023-388-E
Adjust O&M for Reliability Assurance
For the Test Period Ending December 31, 2022
(Dollars in thousands)

Application
SC2160-1 Calculation
Page 1 of 1

Line No.	Description	Total System	SC Retail Allocation	Total NC Retail
1	<u>Impact to Income Statement Line Items</u>			
2	<u>Other operation and maintenance expense:</u>			
3	Belews Creek	\$ 1,331 [1]	23.08% [3]	307
4	Cliffside	2,219 [1]	23.08% [3]	512
5	Marshall	5,325 [1]	23.08% [3]	1,229
6	Impact to O&M (Sum L3:L5)	<u>\$ 8,874</u>		<u>\$ 2,048</u>
1	Statutory tax rate			24.9500% [2]
2				
3	Impact to income taxes (-L6x L8)			<u>\$ (511)</u>
4				
5	Impact to operating income (-L6 - L10)			<u>\$ (1,537)</u>

[1] NC2160-2 - Forecasted Incremental O&M for reliability assurance.
[2] NC1010-4 - 2022 Calculation of Tax Rates - Statutory Tax Rate, Line 10
[3] All - Production Demand - Jur

DUKE ENERGY CAROLINAS, LLC
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Adjust O&M for Reliability Assurance
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Application
SC2160-2 Forecast O&M
Page 1 of 1

Forecasted Incremental O&M projects for Reliability Assurance

Line No.	Category	2024 O&M	2025 O&M	2026 O&M	3 year Average
1	Belews Creek	\$ 1,245	\$ 1,262	\$ 1,487	\$ 1,331
2	Cliffside	\$ 2,075	\$ 2,103	\$ 2,478	2,219
3	Marshall	\$ 4,980	\$ 5,047	\$ 5,948	5,325
4	Total				<u>\$ 8,874</u>

[1] Forecasted Incremental O&M to address Reliability Assurance provided by RRE to address items such as Threat analysis, Winterization O&M, Reliability Improvements

DUKE ENERGY CAROLINAS, LLC
Docket No. 2023-388-E
Annualize Depreciation
For the Test Period Ending December 31, 2022

Application
SC3010 Narrative

Detailed Narrative Explanation of Adjustment

This pro-forma annualizes depreciation expense, income taxes, accumulated depreciation, and amortization of investment tax credit to reflect a full year's level of depreciation on plant in service as of the end of the capital cutoff.

The impact to depreciation expense is determined by multiplying current depreciation rates times the level of plant in service forecasted at the end of the capital cutoff and then subtracting actual depreciation expense booked during the test period.

The impact to income taxes is determined by multiplying taxable income by the statutory tax rate.

The impact to amortization of investment tax credit reflects the difference between actual amortization booked during the test period and the new annual level of amortization per the tax department

The impact to accumulated depreciation reflects one year of the depreciation expense adjustment at the forecasted plant in service balance as of the end of the capital cutoff

DUKE ENERGY CAROLINAS, LLC
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Annualize Depreciation
For the Test Period Ending December 31, 2022
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Application
SC3010 Summary
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Line No	Impacted Income Statement Line Items	Source	Total SC Retail Application
1	Sales of Electricity		
2	Other Revenue		
3	Electric operating revenue (L1+L2)		\$ -
4			
5	<u>Electric operating expenses:</u>		
6	Operation and maintenance:		
7	Fuel used in electric generation		
8	Purchased power		
9	Other operation and maintenance expense		
10	Depreciation and amortization	SC3010-1	53,596
11	General taxes		
12	Interest on customer deposits		
13	EDIT Amortization		
14	Net income taxes	SC3010-1	(13,372)
15	Amortization of investment tax credit	SC3010-1	\$ (0)
16	Total electric operating expenses (sum(L7:L15))		\$ 40,224
17			
18	Operating income (L3-L16)		\$ (40,224)
		Source	Total SC Retail Application
19	<u>Rate Base</u>		
20	Electric plant in service		\$ -
21	Accumulated depreciation and amortization	SC3010-1	\$ (18,328)
22	Net electric plant in service (L20 + L21)		\$ (18,328)
23	Construction Work in Progress		\$ -
24	Plant Held for Future Use		\$ -
25	Materials and supplies		\$ -
26	Total Working Capital		\$ -
27	Accumulated deferred income taxes		\$ -
28	Operating reserves		\$ -
29	Total Rate Base (sum(L22 through :L28))		\$ (18,328)

DUKE ENERGY CAROLINAS, LLC
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Annualize Depreciation
For the Test Period Ending December 31, 2022
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Application
SC3010-1 Calculation
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<u>Line No.</u>	<u>Description</u>	<u>Source</u>	<u>Total SC Retail</u>
1	<u>Income Statement</u>		
2			
3	Impact to depreciation and amortization	SC3010-2 Depreciation Summary	<u>\$ 53,596</u>
4			
5	Statutory tax rate		24.9500% [1]
6			
7	Impact to income taxes (-L5 x L3)		<u>\$ (13,372)</u>
8			
9	Impact to amortization of investment tax credit	SC3010-5 Amort of ITC	<u>\$ (0.241)</u>
10			
11	Impact to operating income (-L3 - L7 - L9)		<u><u>\$ (40,224)</u></u>
12			
13	<u>Rate Base</u>		
14			
15	Production Reserve	SC3010-4 Acc Depr Summary	(\$6,276)
16	Transmission Reserve	SC3010-4 Acc Depr Summary	(\$545)
17	Distribution Reserve	SC3010-4 Acc Depr Summary	(\$8,180)
18	General Reserve	SC3010-4 Acc Depr Summary	(\$3,327)
19	Intangible Reserve	SC3010-4 Acc Depr Summary	0
20	Accumulated depreciation and amortization		<u><u>(\$18,328)</u></u>

[1] SC1010-4 2022 Calculation of Tax Rates, Line 10

DUKE ENERGY CAROLINAS, LLC

Docket No. 2023-388-E

Annualize Depreciation

For the Test Period Ending December 31, 2022

(Dollars in thousands)

Application
SC3010-2 Depreciation Summary
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Line No.	Description	Total System	SC Retail Allocation	Total SC Retail
1	<u>Depreciation and amortization</u>			
2	Production (SC3010-2 Col E; Line 44) - L5 - L6	\$ 42,825	23.0754% [1]	\$ 9,882
3	Production Contra ADC - NC (SC3010-2 Col E; Line 42)	(1,051)	0.0000%	-
4	Production Contra ADC - SC (SC3010-2 Col E; Line 43)	(73)	100.0000%	(73)
5	Production Direct assigned to NC (SC3010-2 Col E; Line 4, Line 30)	(1,555)	0.0000%	-
6	Production Direct assigned to SC (SC3010-2 Col E; Line 5, Line 14, Line 31)	2,960	100.0000%	2,960
7	Transmission (SC3010-2 Col E; Line 53) - L9 - L10	(574)	16.7963% [2]	(96)
8	Transmission Contra ADC (SC3010-2 Col E; Line 52)	(10)	100.0000%	(10)
9	Transmission Direct assigned to NC (SC3010-2 Col E; Line 49)	-	0.0000%	-
10	Transmission Direct assigned to SC (SC3010-2 Col E; Line 50)	1,405	100.0000%	1,405
11	Distribution (SC3010-2 Col E; Line 58) - L14	63,102	25.0952%	15,836
12	Distribution Direct assigned to NC (SC3010-2 Col E; Line 60)	158	0.0000%	-
13	SC Distribution (SC3010-2 Col E; Line 63)	7,154	100.0000%	7,154
14	Distribution Direct assigned to SC (SC3010-2 Col E; Line 67)	0	100.0000%	0
15	General (SC3010-2 Col E; Line 86) - L16	36,626	23.6226% [3]	8,652
16	General Direct assigned to SC (SC3010-2 Col E; Line 83)	7,156	100.0000%	7,156
17	General Contra ADC - SC (SC3010-2 Col E; Line 85)	(4)	100.0000%	(4)
18	Intangible (SC3010-2 Col E; Line 93)	3,230	22.7700% [4]	736
19	Impact to depreciation and amortization (sum(L2 : L18))	<u>\$ 161,349</u>		<u>\$ 53,596</u>
20				

[1] SC Retail Allocation Factor - All - Production Demand - Jur

[2] SC Retail Allocation Factor - All - Transmission Demand - Jur

[3] SC Retail Allocation Factor - All - General Plant - Jur

[4] SC Retail Allocation Factor - All - Intangible Plant - Jur

Note: Totals may not foot due to rounding

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Application
SC3010-3 Depreciation
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Adjustment of Depreciation Expense to Reflect Plant in Service for 12 Months Ended December 31, 2023

Line No.	Function	(A) Forecast Gross Plant in Service 12/31/2023 [10]	(B) Depr Rate	(C) Current Rates Calculated Accrual [4]	(D) Actual Test Period Expense Booked [5]	(E) Difference
1	STEAM: [1]					
2	STEAM PLANT	\$ 8,581,847	3.96%	\$ 339,841	\$ 330,827	\$ 9,015
3	LAND RIGHTS - STEAM [3]	2,001	0.00%	-	-	-
4	NC DEFERRALS - STEAM	-	3.96%	-	1,555	(1,555)
5	SC DEFERRALS - STEAM	-	3.96%	-	(2,960)	2,960
6	Total Steam Including Contra	\$ 8,583,848		\$ 339,841	\$ 329,422	\$ 10,419
7	Contra AFUDC NC	(117,519)	3.96%	(4,654)	(3,603)	(1,051)
8	Contra AFUDC SC	(71,654)	3.96%	(2,838)	(2,203)	(634)
9	Total Steam Excluding Contra	\$ 8,773,021		\$ 347,332	\$ 335,228	\$ 12,104
10						
11	NUCLEAR: [1]					
12	NUCLEAR PLANT	\$ 9,532,936	2.13%	\$ 203,052	\$ 196,299	\$ 6,752
13	LAND RIGHTS - NUCLEAR [3]	957	0.84%	8	8	(0)
14	SC DEFERRALS - NUCLEAR	-	2.13%	-	-	-
15	Total Nuclear Including Contra	\$ 9,533,893		\$ 203,060	\$ 196,307	\$ 6,752
16	Contra AFUDC SC	(29,360)	2.13%	(625)	(1,195)	569
17	Total Nuclear Excluding Contra	\$ 9,563,252		\$ 203,685	\$ 197,502	\$ 6,183
18						
19	HYDRO: [1]					
20	HYDRAULIC PLANT	\$ 2,959,969	1.99%	\$ 58,903	\$ 50,710	\$ 8,193
21	LAND RIGHTS - HYDRO [3]	21,316	0.61%	130	144	(14)
22	SC DEFERRALS - HYDRO	-	1.99%	-	-	-
23	Total Hydro Including Contra	\$ 2,981,285		\$ 59,033	\$ 50,855	\$ 8,179
24	Contra AFUDC SC	(3,355)	1.99%	(67)	(59)	(8)
25	Total Hydro Excluding Contra	\$ 2,984,639		\$ 59,100	\$ 50,913	\$ 8,187
26						

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Line No.	Function	(A) Gross Plant in Service 12/31/2023 [10]	(B) Depr Rate	(C) Current Rates Calculated Accrual [4]	(D) Actual Test Period Expense Booked [4]	(E) Difference
27	OTHER PRODUCTION: [1]					
28	OTHER (CT's)	\$ 3,180,541	3.50%	\$ 111,314	\$ 93,612	\$ 17,702
29	OTHER (SOLAR)	308,051	5.02%	15,455	15,859	(405)
30	OTHER NC DEFERRALS	-	3.50%	-	-	-
31	OTHER SC DEFERRALS	-	3.50%	-	-	-
32	Total Other Production Including Contra	\$ 3,488,592		\$ 126,769	\$ 109,471	\$ 17,298
33	Contra AFUDC SC	(40)	3.50%	(1)	(1)	(0)
34	Total Other Production Excluding Contra	\$ 3,488,632		\$ 126,770	\$ 109,473	\$ 17,298
35						
36	Adjustments to Other Production					
37	OTHER (SOLAR) [9]	\$ (20,689)	5.02%	(1,038)	(1,496)	458
38	Total Adjustments to Other Production	\$ (20,689)		\$ (1,038)	\$ (1,496)	\$ 458
39						
40						
41	TOTAL PRODUCTION INCLUDING CONTRA	\$ 24,566,928		\$ 727,665	\$ 684,560	\$ 43,106
42	PRODUCTION CONTRA ADC - NC	\$ (117,519)		\$ (4,654)	\$ (3,603)	\$ (1,051)
43	PRODUCTION CONTRA ADC - SC	(104,409)		(3,531)	(3,458)	(73)
44	TOTAL PRODUCTION EXCLUDING CONTRA	\$ 24,788,856		\$ 735,850	\$ 691,620	\$ 44,230
45						
46	TRANSMISSION: [1]					
47	TRANSMISSION OTHER	\$ 5,479,137	2.23%	\$ 122,185	\$ 122,827	\$ (642)
48	TRANSMISSION RIGHT OF WAY [3]	169,163	1.03%	1,742	1,700	42
49	NC DEFERRALS - TRANSMISSION	-	2.23%	-	-	-
50	SC DEFERRALS - TRANSMISSION	-	2.23%	-	(1,405)	1,405
51	Total Transmission	5,648,301		123,927	123,122	805
52						
53	Adjustments to Transmission					
54	TEP [6]	(22,229)		(624)	(640)	16
51	TOTAL TRANSMISSION INCLUDING CONTRA	\$ 5,626,071		\$ 123,303	\$ 122,483	\$ 821
52	TRANSMISSION CONTRA ADC	\$ (4,501)	2.23%	\$ (100)	\$ (90)	(10)
53	TOTAL TRANSMISSION EXCLUDING CONTRA	\$ 5,630,572		\$ 123,404	\$ 122,573	\$ 831

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Line No.	Function	(A) Gross Plant in Service 12/31/2023 [10]	(B) Depr Rate	(C) Current Rates Calculated Accrual [4]	(D) Actual Test Period Expense Booked [4]	(E) Difference
54						
55	DISTRIBUTION: [1]					
56	A. OTHER	\$ 17,029,090	2.28%	\$ 388,263	\$ 325,415	\$ 62,848
57	B. R/W [3]	32,351	1.36%	440	186	254
58	Subtotal Distribution	\$ 17,061,440		\$ 388,703	\$ 325,601	\$ 63,102
59	C. NC DEFERRALS		2.28%	-	(158)	158
60	Subtotal Distribution NC	\$ -		\$ -	\$ (158)	\$ 158
61	F. SC DEFERRALS		2.28%	-	(6,285)	6,285
62	METER AMI DEFERALS				(869)	869
63	Subtotal Distribution SC	\$ -		\$ -	\$ (7,154)	\$ 7,154
64	TOTAL DISTRIBUTION INCLUDING CONTRA	\$ 17,061,440		\$ 388,703	\$ 318,289	\$ 70,414
65	C. OTHER CONTRA	\$ (799)	2.28%	\$ (18)	\$ (19)	0
66	D. R/W CONTRA	\$ (13)	1.36%	\$ (0)	\$ (0)	(0)
67	DISTRIBUTION CONTRA ADC - SC	\$ (812)		\$ (18)	\$ (19)	0
68	TOTAL DISTRIBUTION EXCLUDING CONTRA	\$ 17,062,253		\$ 388,722	\$ 318,308	\$ 70,414
69	GENERAL: [1]					
70	EDP COMPUTER	\$ 143,122	12.50%	17,890	\$ 15,680	\$ 2,211
71	STRUCTURES / LEASE IMPRVMT	757,092	3.06%	23,167	22,478	689
72	Plaza - Structures/Lease Imprvmnt	538,869	3.06%	16,489	1,924	14,566
73	VEHICLES [5]	16,119	2.30%	-	-	-
74	CONST EQUIP [5]	16,202	0.18%	-	-	-
75	DGENLAND [3]	4	1.50%	0	8	(8)
76	FURNITURE AND EQPMT	131,343	6.67%	8,761	4,437	4,324
77	STORES EQUIPMENT	853	5.00%	43	40	3
78	TOOLS, SHOPS & GARAGE EQPMT	133,730	5.00%	6,686	6,546	141
79	LABORATORY EQUIPMENT	2,374	6.67%	158	185	(26)
80	POWER OPERATED EQUIPMENT	16,476	0.18%	30	29	1
81	COMMUNICATION EQUIPMENT	427,236	10.00%	42,724	28,053	14,671
82	MISCELLANEOUS EQUIPMENT	16,503	5.00%	825	774	52
83	SC Deferrals	-	0.00%	-	(7,156)	7,156
84	TOTAL GENERAL PLANT INCLUDING CONTRA	\$ 2,199,922		\$ 116,773	\$ 72,995	\$ 43,778
85	GENERAL PLANT CONTRA ADC - SC	\$ (365)	6.67%	\$ (24)	\$ (20)	\$ (4)
86	TOTAL GENERAL PLANT EXCLUDING CONTRA	\$ 2,200,287		\$ 116,798	\$ 73,016	\$ 43,782

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Line No.	Function	(A) Gross Plant in Service 12/31/2023 [10]	(B) Depr Rate	(C) Current Rates Calculated Accrual [4]	(D) Actual Test Period Expense Booked [4]	(E) Difference	
87							
88	INTANGIBLE [2]						
89	AINT (Software)	\$ -	various	\$ 68,875	\$ 65,847	\$ 3,028	
90	AINT (Software)	-	various	5,352	5,342	10	
91	AFRCNPL (Franchise Fees)	-	various	2,785	2,592	193	
92	AFEANPL (Feasibility Study)	-	various	-	-	-	
93	TOTAL INTANGIBLE PLANT INCLUDING CONTRA	\$ 1,357,538		\$ 77,011	\$ 73,781	\$ 3,230	
94	INTANGIBLE PLANT CONTRA ADC - SC	\$ (9,150)		\$ (426)	616	(1,042)	
95	TOTAL INTANGIBLE PLANT EXCLUDING CONTRA	\$ 1,366,689		\$ 77,437	\$ 73,165	\$ 4,272	
96							
97							
98							
99	TOTAL PLANT-IN-SERVICE	\$ 50,811,900		\$ 1,433,456	\$ 1,272,107	\$ 161,349	[7]
100	Total Contra ADC	\$ (236,757)		\$ (8,754)	\$ (6,574)	\$ (2,179)	
101	TOTAL PLANT-IN-SERVICE EXCLUDING CONTRA	\$ 51,048,657		\$ 1,442,210	\$ 1,278,682	\$ 163,528	[8]

[1] Total Plant-in Service excludes Non-Depreciable Assets and the Capitalized Asset Retirement Costs related to FAS 143.

[2] Some Intangible assets are fully depreciated/amortized and no longer accrue any expense.

[3] Land, Land Rights and Rights of Way are noted separately from the rest of Electric Plant in Service above. Land is not a depreciable asset while Land Rights and Right of Way are depreciable.

[4] The Calculated Accrual Based on Current Rates column above assumes 12 months of depreciation expense.

[5] Actual Depreciation expense incurred for the test period twelve months ended December 31, 2022.

[6] Adjustment to exclude Transmission Expansion Projects plant in service balance and related annualized depreciation expense.

[7] Sum of L41, L51, L64, L84, L93

[8] Sum of L44, L53, L68, L86, L95

[9] Adjustment to remove Solar amounts not included in rate base

[10] Forecasted amounts to be updated with actuals in supplemental filing.

Sources: Asset Accounting and Financial Forecasting

DUKE ENERGY CAROLINAS, LLC
Docket No. 2023-388-E
Annualize Depreciation
For the Test Period Ending December 31, 2022
(Dollars in thousands)

Application
SC3010-4 Acc Depr Summary
Page 1 of 1

Line No.	Description	Total System	SC Retail Allocation	Total SC Retail
1	Accumulated Reserve			
2	Production (SC3010-5 Col E; Line 41) - sum(L3 : L6)	\$ (27,477)	23.0754% [1]	\$ (6,340)
3	Production Contra ADC - NC (SC3010-2 Col E; Line 42)	1,052	0.0000%	-
4	Production Contra ADC - SC (SC3010-2 Col E; Line 43)	65	100.0000%	65
5	Production Direct assigned to NC (SC3010-2 Col E; Line 4)	-	0.0000%	-
6	Production Direct assigned to SC (SC3010-2 Col E; Line 5)	-	100.0000%	-
7	Transmission (SC3010-2 Col E; Line 51) - sum(L8 : L10)	(3,298)	16.7963% [2]	(554)
8	Transmission Contra ADC - SC (SC3010-2 Col E; Line 44)	9	100.0000%	9
9	Transmission Direct assigned to NC (SC3010-2 Col E; Line 49)	-	0.0000%	-
10	Transmission Direct assigned to SC (SC3010-2 Col E; Line 50)	-	100.0000%	-
11	Distribution (SC3010-2 Col E; Line 58) - L58	(32,598)	25.0952% [3]	(8,181)
12	Distribution Contra ADC - SC (SC3010-2 Col E; Line 61)	1	100.0000%	1
13	General (SC3010-2 Col E; Line 78) - L14 - L15	(14,111)	23.6226% [5]	(3,333)
14	General Direct assigned to SC (SC3010-2 Col E; Line 77)	-	100.0000%	-
15	General Contra ADC - SC (SC3010-2 Col E; Line 79)	6	100.0000%	6
16	Intangible (SC3010-2 Col E; Line 87) - L17	-	22.7700% [6]	-
17	Intangible Contra ADC - SC (SC3010-2 Col E; Line 88)	-	100.0000%	-
18	Adjustment to Accumulated depreciation Reserve (Sum L2 through L16)	<u>\$ (76,352)</u>		<u>\$ (18,328)</u>

- [1] SC Retail Allocation Factor - All - Production Demand - Jur
[2] SC Retail Allocation Factor - All - Transmission Demand - Jur
[3] SC Retail Allocation Factor - All - Dist Plant - Jur
[4] SC Retail Allocation Factor - SC - Dist Plant - Jur
[5] SC Retail Allocation Factor - All - General Plant - Jur
[6] SC Retail Allocation Factor - All - Intangible Plant - Jur

Note: Totals may not foot due to rounding